

# Product Datasheet

## Carboxypeptidase A1/CPA1 Antibody (3F11) H00001357-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/H00001357-M01](http://www.novusbio.com/H00001357-M01)

Updated 7/16/2023 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/H00001357-M01](http://www.novusbio.com/reviews/destination/H00001357-M01)



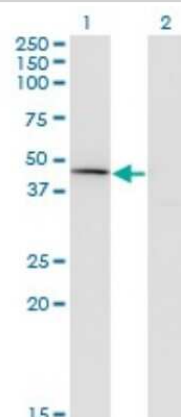
**H00001357-M01****Carboxypeptidase A1/CPA1 Antibody (3F11)**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 0.1 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Concentration</b>               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage</b>                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Clonality</b>                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Clone</b>                       | 3F11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Preservative</b>                | No Preservative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Isotype</b>                     | IgG2a Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>                      | IgG purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Buffer</b>                      | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>                 | Quality control test: Antibody Reactive Against Recombinant Protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Host</b>                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Gene ID</b>                     | 1357                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Symbol</b>                 | CPA1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Specificity/Sensitivity</b>     | CPA1 - carboxypeptidase A1 (pancreatic) (3F11)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Immunogen</b>                   | CPA1 (AAH05279, 1 a.a. ~ 419 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>MRGLLVLSVLLGAVFGKEDFVGHQVLRISVADEAQVQKVKELEDLEHLQLDFW<br>RGPAPGSPIDVRVPFPSIQAVKIFLESHGISYETMIEDVQSLLDEEQEQMFAFR<br>SRARSTDFTFYATYHTLEEIYDFLDLLVAENPHLVSKIQIGNTYEGRPIYVLKFST<br>GGSKRPAIWIDTGIHSREWVTQASGVWFakkITQDYGQDAAFTAILDTLDIFLEI<br>VTNPDGFAFTHSTNRMWRKTRSHTAGSLCIGVDPNRNWDAGFGLSGASSNP<br>CSETYRGKFANSEVEVKSIYDFVKDHGNIKAFISIHYSQLLMYPYGYKTEPVPD<br>QDELDQLSKAAVTALASLYGTFKFNYSIIKAIYQASGSTIDWTYSQGIKYSFTFEL<br>RDTGRYGFLLPASQIIPTAKETWLALLTIMEHTLNHPY |
| <b>Notes</b>                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Applications</b>                | Western Blot, ELISA, Immunoprecipitation, Sandwich ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Recommended Dilutions</b>       | Western Blot 1:500, ELISA, Immunoprecipitation, Sandwich ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Application Notes</b>           | Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

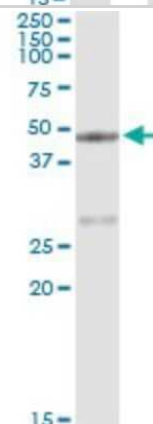


## Images

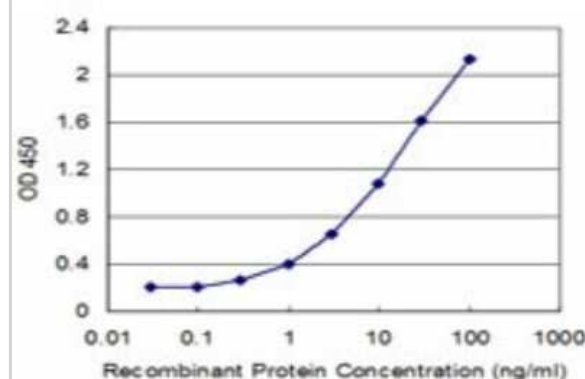
Western Blot: Carboxypeptidase A1/CPA1 Antibody (3F11) [H00001357-M01] - Analysis of CPA1 expression in transfected 293T cell line by CPA1 monoclonal antibody (M01), clone 3F11. Lane 1: CPA1 transfected lysate (47.1 KDa). Lane 2: Non-transfected lysate.



Immunoprecipitation: Carboxypeptidase A1/CPA1 Antibody (3F11) [H00001357-M01] - Analysis of CPA1 transfected lysate using anti-CPA1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CPA1 MaxPab rabbit polyclonal antibody.



Sandwich ELISA: Carboxypeptidase A1/CPA1 Antibody (3F11) [H00001357-M01] - Detection limit for recombinant GST tagged CPA1 is approximately 0.3ng/ml as a capture antibody.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA

Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada

Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/H00001357-M01](http://www.novusbio.com/reviews/submit/H00001357-M01)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

