

# Product Datasheet

## TRPC5 Antibody - Azide and BSA Free NBP2-94585-0.1ml

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-94585-0.1ml**

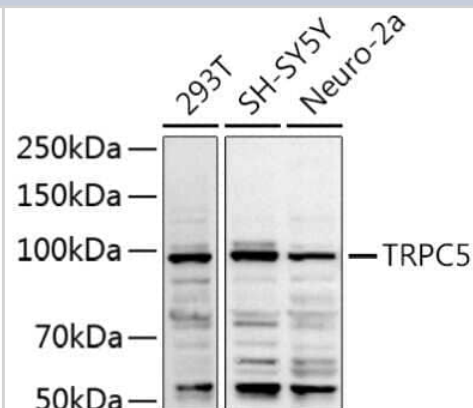
TRPC5 Antibody - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                           |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                              |
| Clonality                   | Polyclonal                                                                                                                                                                                                            |
| Preservative                | 0.05% Proclin 300                                                                                                                                                                                                     |
| Isotype                     | IgG                                                                                                                                                                                                                   |
| Purity                      | Affinity purified                                                                                                                                                                                                     |
| Buffer                      | PBS (pH 7.3), 50% glycerol                                                                                                                                                                                            |
| Target Molecular Weight     | 111 kDa                                                                                                                                                                                                               |
| Product Description         |                                                                                                                                                                                                                       |
| Description                 | Novus Biologicals Rabbit TRPC5 Antibody - Azide and BSA Free (NBP2-94585) is a polyclonal antibody validated for use in WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.     |
| Host                        | Rabbit                                                                                                                                                                                                                |
| Gene ID                     | 7224                                                                                                                                                                                                                  |
| Gene Symbol                 | TRPC5                                                                                                                                                                                                                 |
| Species                     | Human                                                                                                                                                                                                                 |
| Immunogen                   | A synthetic peptide corresponding to a sequence within amino acids 800-900 of human TRPC5 (NP_036603.1).<br>NLGCKKKKTCHGPPLIRTMPRSSGAQGKSKAESSSKRSFMGPSLKKLGLLFSKF<br>NGHMSEPSSEPMTISDGIVQQHCMWQDIRYSQMEKGKAEACSQSEIN |
| Product Application Details |                                                                                                                                                                                                                       |
| Applications                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence                                                                                                                                                          |
| Recommended Dilutions       | Western Blot 1:500 - 1:1000, ELISA, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200                                                                                                                              |

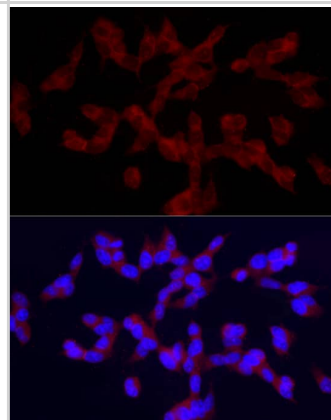


## Images

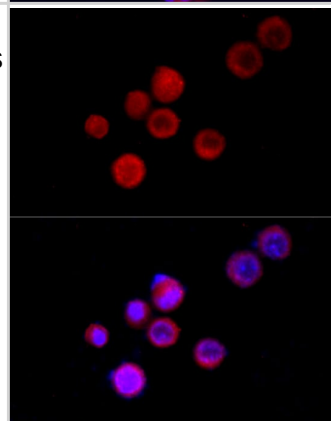
Western Blot: TRPC5 Antibody [NBP2-94585] - Western blot analysis of extracts of various cell lines, using TRPC5 antibody (NBP2-94585) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunocytochemistry/ Immunofluorescence: TRPC5 Antibody - Azide and BSA Free [TRPC5] - Immunofluorescence analysis of SH-SY5Y cells using TRPC5 Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunocytochemistry/ Immunofluorescence: TRPC5 Antibody - Azide and BSA Free [TRPC5] - Immunofluorescence analysis of Neuro-2a cells using TRPC5 Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.





### **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  
nb-customerservice@bio-techne.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: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-94585-0.1ml**

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|            |                                                     |
|------------|-----------------------------------------------------|
| HAF008     | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160     | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control                          |
| NBL1-17334 | TRPC5 Overexpression Lysate                         |

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### **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.

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