

# Product Datasheet

## mTOR Complex 1 Antibody Pack

### NBP3-20208

Unit Size: 8 Vials

Storage is content dependent.

[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/NBP3-20208](http://www.novusbio.com/NBP3-20208)

Updated 7/4/2023 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/NBP3-20208](http://www.novusbio.com/reviews/destination/NBP3-20208)



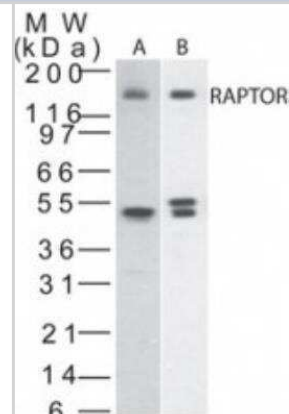
**NBP3-20208****mTOR Complex 1 Antibody Pack**

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 8 Vials   |
| <b>Concentration</b>               | Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.   |
| <b>Storage</b>                     | Storage is content dependent.   |
| <b>Product Description</b>         |   |
| <b>Description</b>                 | This pack contains 1 vial each of: AF15371-SP (25 ug), AF15371-SP (0.05 ml), NBP2-24837SS (25 ug), AF4004-SP (0.025 ml), NBP1-49674SS (25 ug), MAB6408-SP (1 mL), HAF008 (1 mL), HAF007 (1 mL).   |
| <b>Species</b>                     | Human, Mouse  |
| <b>Reactivity Notes</b>            | Antibodies in this pack are validated for use in the following species:<br>AF15371: Human, Mouse, Rat<br>NBP2-24837: Human, Mouse<br>AF4004: Human, Mouse, Rat<br>NBP1-49674: Bovine, Human, Mouse, Rat<br>MAB6408: Human<br>HAF008: Rabbit<br>HAF007: Mouse<br>HAF017: Goat  |
| <b>Immunogen</b>                   | See individual datasheets.  |
| <b>Kit Components</b>              | AF15371-SP, NBP2-24837SS, AF4004-SP, NBP1-49674SS, MAB6408-SP, HAF008: Goat anti-Rabbit IgG Secondary Antibody [HRP], HAF007: Goat anti-Mouse IgG Secondary Antibody [HRP], HAF017: Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]  |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Western Blot, Immunohistochemistry  |
| <b>Recommended Dilutions</b>       | Western Blot, Immunohistochemistry  |
| <b>Application Notes</b>           | Antibodies in this pack are validated for the following applications:<br>AF15371: Immunoprecipitation, Western Blot<br>NBP2-24837: Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Western Blot<br>AF4004: Immunohistochemistry, Western Blot<br>NBP1-49674: Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated, Western Blot<br>MAB6408: Immunocytochemistry, Simple Western, Western Blot<br>HAF008: Immunohistochemistry, Western Blot<br>HAF007: Immunohistochemistry, Western Blot<br>HAF017: Western Blot |

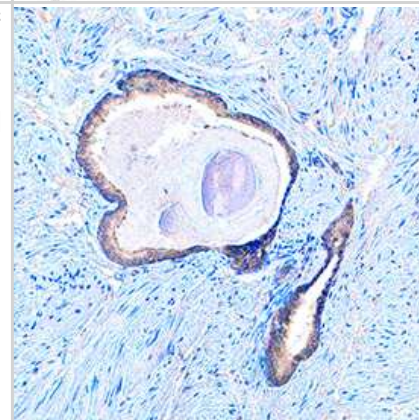


## Images

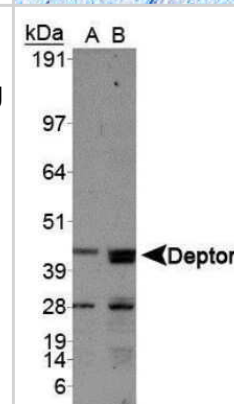
Western blot shows lysates of human 293 and mouse NIH3T3 lysate. Raptor was detected by Rabbit Anti-Human Raptor Polyclonal Antibody (Catalog # NBP2-24837) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody. This experiment was conducted under reducing conditions.



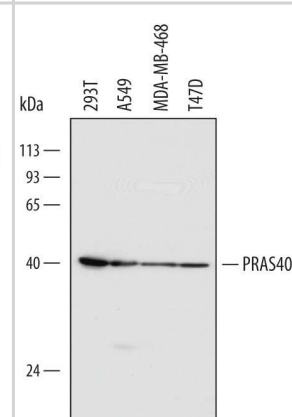
G beta L was detected in immersion fixed paraffin-embedded sections of human prostate using Goat Anti-Human/Mouse/Rat G beta L Antigen Affinity-purified Polyclonal Antibody (Catalog # AF4004) at 10 µg/mL overnight at 4 °C. Tissue was stained using the Anti-Goat HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # CTS008) and counterstained with hematoxylin (blue). Specific staining was localized to neuronal cell bodies. View our protocol for Chromogenic IHC Staining of Paraffin-embedded Tissue Sections.



Western blot shows lysates of (A) human liver and (B) mouse liver. PVDF membrane was probed with 1 µg/mL of Rabbit Anti-Human DEPTOR/DEPDC6 Antigen Affinity-purified Polyclonal Antibody (Catalog # NBP1-49674) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody. This experiment was conducted under reducing conditions.



Western blot shows lysates of 293T human embryonic kidney cell line, A549 human lung carcinoma cell line, MDA-MB-468 human breast cancer cell line, and T47D human breast cancer cell line. PVDF Membrane was probed with 1 µg/mL of Mouse Anti-Human PRAS40 Monoclonal Antibody (Catalog # MAB6408) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF007). A specific band was detected for PRAS40 at approximately 40 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.





### **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. Antibody Packs 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/NBP3-20208](http://www.novusbio.com/reviews/submit/NBP3-20208)

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

