

Product Datasheet

mTOR Pathway Antibody Pack

NBP3-20207

Unit Size: 10 Vials

Storage is content dependent.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-20207

Updated 7/4/2023 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-20207



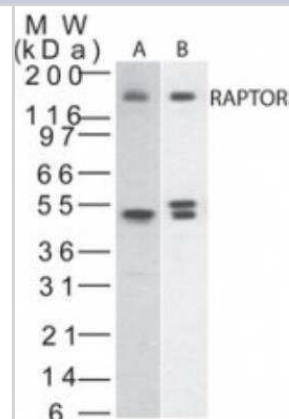
NBP3-20207**mTOR Pathway Antibody Pack**

Product Information	
Unit Size	10 Vials
Concentration	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
Storage	Storage is content dependent.
Product Description	
Description	This pack contains 1 vial each of: AF15371-SP (25 ug), AF15371-SP (0.05 ml), NBP2-24837SS (25 ug), AF4004-SP (25 ug), MAB1665-SP (0.025 ml), NBP1-49674SS (1 mL), HAF008 (1 mL), HAF007 (1 mL), HAF005 (1 mL), HAF017 (0.025 ml).
Species	Human, Mouse
Reactivity Notes	Antibodies in this pack are validated for use in the following species: AF15371: Human, Mouse, Rat NBP2-24837: Human, Mouse AF4004: Human, Mouse, Rat MAB1665: Human NBP1-49674: Bovine, Human, Mouse, Rat HAF008: Rabbit HAF007: Mouse HAF005: Rat HAF017: Goat NBP1-51645: Human, Mouse, Primate
Immunogen	See individual datasheets.
Kit Components	AF15371-SP, NBP2-24837SS, AF4004-SP, MAB1665-SP, NBP1-49674SS, HAF008: Goat anti-Rabbit IgG Secondary Antibody [HRP], HAF007: Goat anti-Mouse IgG Secondary Antibody [HRP], HAF005: Goat anti-Rat IgG Secondary Antibody [HRP], HAF017: Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)], NBP1-51645SS
Product Application Details	
Applications	Western Blot, Immunohistochemistry
Recommended Dilutions	Western Blot, Immunohistochemistry
Application Notes	Antibodies in this pack are validated for the following applications: AF15371: Immunoprecipitation, Western Blot NBP2-24837: Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Western Blot AF4004: Immunohistochemistry, Western Blot MAB1665: Western Blot NBP1-49674: Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated, Western Blot HAF008: Immunohistochemistry, Western Blot HAF007: Immunohistochemistry, Western Blot HAF005: ELISA, Immunohistochemistry, Simple Western, Western Blot HAF017: Western Blot NBP1-51645: ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Western Blot

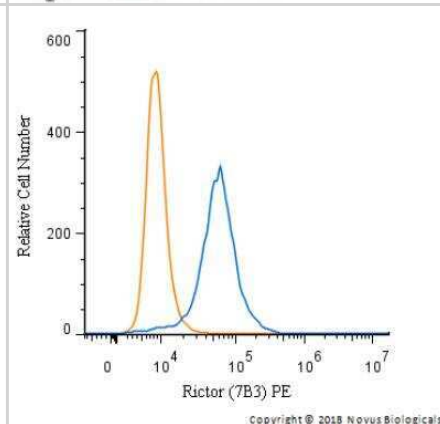


Images

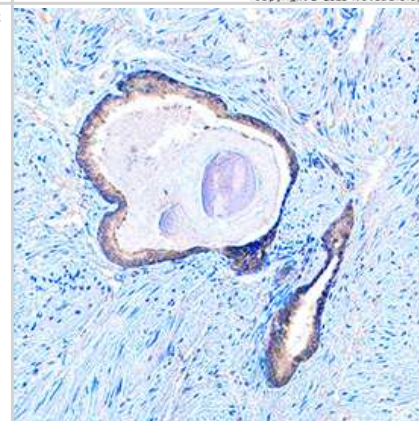
Western blot shows lysates of human 293 and mouse NIH3T3 lysate. Raptor was detected by Rabbit Anti-Human Raptor Polyclonal Antibody (Catalog # NBP2-24837) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody. This experiment was conducted under reducing conditions.



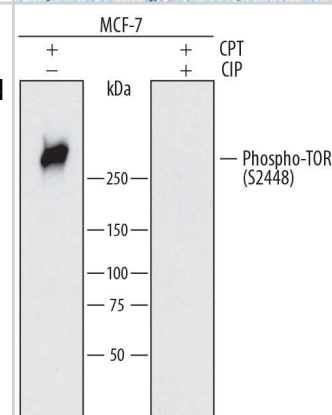
An intracellular stain was performed on HeLa cells with Rictor Antibody (7B3) NBP1-51645PE (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 μ g/mL for 30 minutes at room temperature. Both antibodies were conjugated to Phycoerythrin.



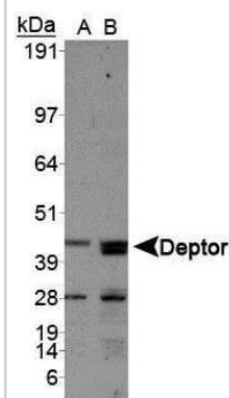
G beta L was detected in immersion fixed paraffin-embedded sections of human prostate using Goat Anti-Human/Mouse/Rat G beta L Antigen Affinity-purified Polyclonal Antibody (Catalog # AF4004) at 10 μ g/mL overnight at 4 °C. Tissue was stained using the Anti-Goat HRP-DAB Cell & Tissue Staining Kit (brown; 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 MCF-7 human breast cancer cell line treated (+) with 1 μ M Camptothecin (CPT) for 5 hours. PVDF membrane was treated (+) or untreated (-) with 300 U/mL CIP for 1 hour and probed with 1 μ g/mL of Rat Anti-Human Phospho-TOR (S2448) Monoclonal Antibody (Catalog # MAB1665) followed by HRP-conjugated Anti-Rat IgG Secondary Antibody (Catalog # HAF005). A specific band was detected for Phospho-TOR (S2448) at approximately 280 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.



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.





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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-20207

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

