

Product Datasheet

TRP7 Antibody (N64A/36) - BSA Free NBP1-48318

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-48318

Updated 9/9/2025 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/NBP1-48318



NBP1-48318

TRP7 Antibody (N64A/36) - BSA Free

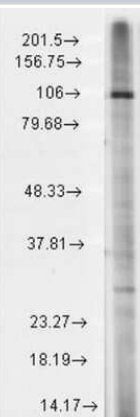
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	N64A/36
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol

Product Description	
Description	Novus Biologicals Mouse TRP7 Antibody (N64A/36) - BSA Free (NBP1-48318) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	57113
Gene Symbol	TRPC7
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects approx 100kDa.
Immunogen	Synthetic peptide amino acids 845-862 of human TRPC7

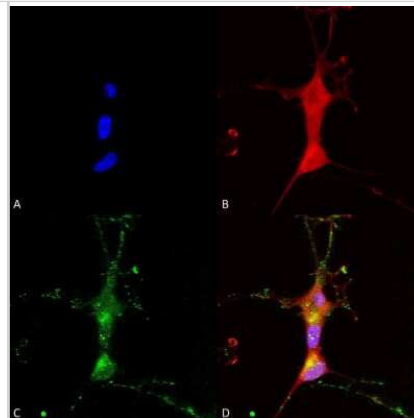
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Microarray
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:1000, Immunocytochemistry/Immunofluorescence 1:100, Immunoprecipitation, Immunohistochemistry-Paraffin 0.1-1.0 ug/ml, Microarray
Application Notes	1 ug/ml of TrpC7 Antibody was sufficient for detection of TrpC7 in 10 ug of rat brain lysate by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary Antibody.

Images

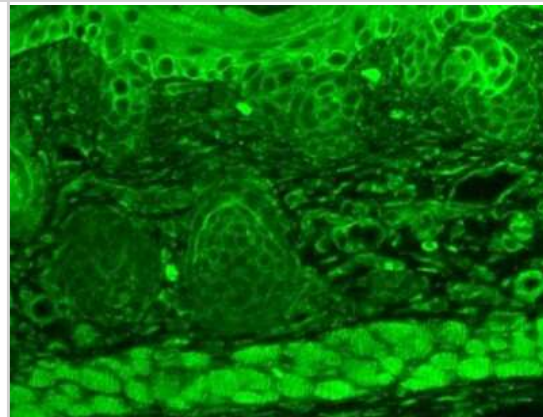
Western Blot: TRP7 Antibody (N64A/36) [NBP1-48318] - Western Blot analysis of Rat brain membrane lysate showing detection of TrpC7 protein using Mouse Anti-TrpC7 Monoclonal Antibody, Clone N64A/36 (NBP1-48318). Load: 15 ug. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-TrpC7 Monoclonal Antibody (NBP1-48318) at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.



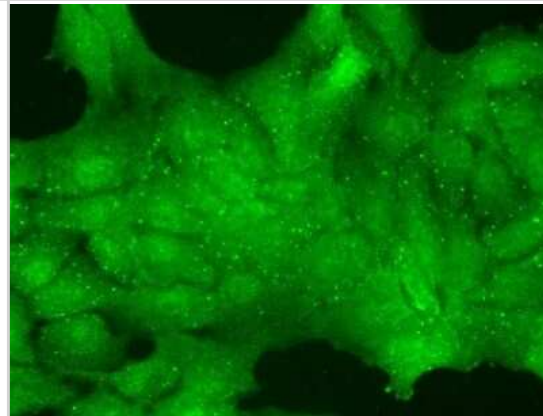
Immunocytochemistry/Immunofluorescence: TRP7 Antibody (N64A/36) [NBP1-48318] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-TrpC7 Monoclonal Antibody, Clone N64A/36 (NBP1-48318). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-TrpC7 Monoclonal Antibody (NBP1-48318) at 1:100 for overnight at 4C with slow rocking. Secondary Antibody: AlexaFluor 488 at 1:1000 for 1 hour at RT. Counterstain: Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 min at RT. (A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) TrpC7 Antibody (D) Composite.



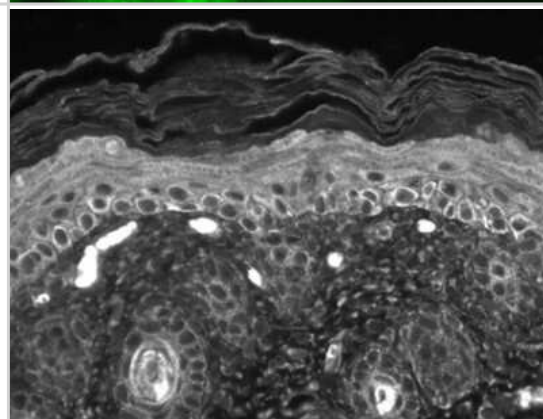
Immunohistochemistry: TRP7 Antibody (N64A/36) [NBP1-48318] - Immunohistochemistry analysis using Mouse Anti-TrpC7 Monoclonal Antibody, Clone N64A/36 (NBP1-48318). Tissue: backskin. Species: Mouse. Fixation: Bouin's Fixative and paraffin-embedded. Primary Antibody: Mouse Anti-TrpC7 Monoclonal Antibody (NBP1-48318) at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Everything.



Immunocytochemistry/Immunofluorescence: TRP7 Antibody (N64A/36) [NBP1-48318] - Tissue: HaCaT cells. Species: Human. Fixation: Cold 100% methanol for 10 minutes at -20C. Primary Antibody: Mouse Anti-TrpC7 Monoclonal Antibody at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Nuclear staining .



Immunohistochemistry-Paraffin: TRP7 Antibody (N64A/36) [NBP1-48318] - Mouse backskin sections. Courtesy of Dr. Turksen, Ottawa Hospital Research Institute, Canada.





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 NBP1-48318

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-48318

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

