

Product Datasheet

TRPM7 Antibody NB100-810

Unit Size: 0.1 mg

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

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NB100-810**TRPM7 Antibody****Product Information**

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description

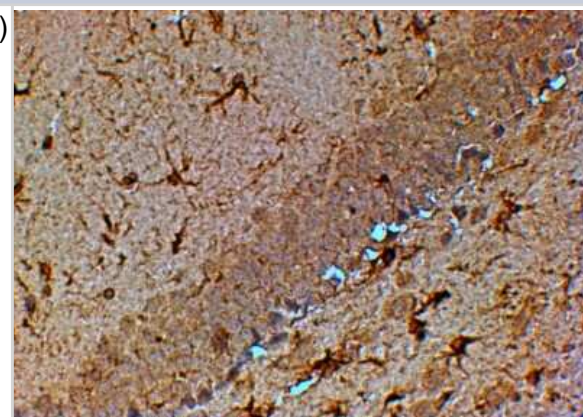
Host	Goat
Gene ID	54822
Gene Symbol	TRPM7
Species	Mouse, Rat
Immunogen	Peptide with sequence C-TKESESTNSVRLML, from the C Terminus of the protein sequence according to NP_060142.3; NP_001288141.1.

Product Application Details

Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Immunohistochemistry 4 - 6 ug/ml, Immunohistochemistry-Paraffin 4 - 6 ug/ml, Peptide ELISA Detection Limit 1:8000
Application Notes	IHC-P: Mouse brain shows neuronal staining in the hippocampus. IHC successful usage on rat hippocampus is reported in scientific literature (PMID: 19734892). The observed MW corresponds to earlier findings in scientific literature with different antibodies (PMID: 18365021).

Images

Immunohistochemistry-Paraffin: TRPM7 Antibody [NB100-810] - (4ug/ml) staining of paraffin embedded Mouse Hippocampus. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining. Similar results were obtained after antigen retrieval at pH9.

**Publications**

Nadler MJ, Hermosura MC, Inabe K et al. LTRPC7 is a Mg.ATP-regulated divalent cation channel required for cell viability. Nature 2001-05-31 [PMID: 11385574]



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 NB100-810

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NB500-243PEP	TRPM7 Antibody Blocking Peptide

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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