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anti-TRPM8 antibody (3rd Extracellular Loop)



Images



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	IV/E	۱/۱۲	$I \cap V$

Quantity:	25 μL
Target:	TRPM8
Binding Specificity:	3rd Extracellular Loop, AA 917-929
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunoprecipitation (IP), Live Cell Imaging (LCI), Neutralization (Neut)
Product Details	

Product Details

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Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: SDVDGTTYDFAHC, corresponding to amino acid residues 917-929 of human TRPM8
Isotype:	IgG
Characteristics:	Anti-TRPM8 (extracellular) Antibody (ABIN7043837, ABIN7044016 and ABIN7044017)) is a highly specific antibody directed against an epitope of the human protein. The antibody can be used in western blot, immunoprecipitation, immunohistochemistry, immunocytochemistry, and neutralization applications. It has been designed to recognize TRPM8 from human, rat, and mouse samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

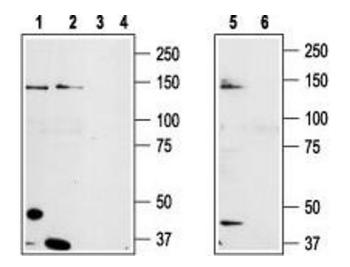
Target:	TRPM8
Alternative Name:	TRPM8 (TRPM8 Products)
Background:	Alternative names: TRPM8, TRPP8, LTrpC6, Transient receptor potential cation channel subfamily M member 8
Gene ID:	79054
NCBI Accession:	NM_024080
UniProt:	Q7Z2W7

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

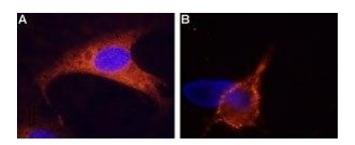
Handling

Format:	Lyophilized
Reconstitution:	$25~\mu\text{L},50~\mu\text{L}$ or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT,4 °C,-20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



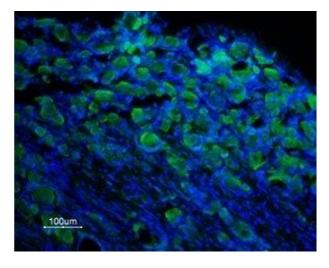
Western Blotting

Image 1. Western blot analysis of prostate carcinoma cell lines DU145 (lanes 1 and 3), Human LNCaP prostate carcinoma (lanes 2 and 4) and mouse-TRPM8 transfected HEK-293 (lanes 5 and 6) cell lysates: - 1,2,5. Anti-TRPM8 (extracellular) Antibody (ABIN7043837, ABIN7044016 and ABIN7044017), (1:200).3,4,6. Anti-TRPM8 (extracellular) Antibody, preincubated with TRPM8 (extracellular) Blocking Peptide (#BLP-CC049).



Immunocytochemistry

Image 2. Expression of TRPM8 in rat DRG cells - Immunocytochemistry of rat dorsal root ganglion (DRG) cells. A. Intracellular staining of cells with Anti-TRPM8 (extracellular) Antibody (ABIN7043837, ABIN7044016 and ABIN7044017), (1:500) followed by goat anti-rabbit-AlexaFluor-555 secondary antibody. B. Extracellular staining of live cells with Anti-TRPM8 (extracellular) Antibody (1:50) followed by goat anti-rabbit-AlexaFluor-555 secondary antibody. The cell-permeable dye Hoechst 33342 (blue) was used for nuclear staining.



Immunohistochemistry

Image 3. Expression of TRPM8 in rat DRG - Immunohistochemical staining of rat dorsal root ganglion (DRG) frozen sections using Anti-TRPM8 (extracellular) Antibody (ABIN7043837, ABIN7044016 and ABIN7044017), (1:100). TRPM8 is expressed in DRG neurons. Hoechst 33342 is used as the counterstain.

Please check the product details page for more images. Overall 5 images are available for ABIN7043837.