

Product datasheet for **TA336867**

TRPM8 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	Knockdown Validated, Immunocytochemistry/ Immunofluorescence: 1:100, Western Blot: 1:1000, Immunohistochemistry-Paraffin: 1:300, Immunohistochemistry: 1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A synthetic peptide made to an internal portion of the human TRPM8 protein (between residues 250-300) [UniProt Q7Z2W7]
Formulation:	PBS with 30% Glycerol, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	transient receptor potential cation channel subfamily M member 8
Database Link:	NP_076985 Entrez Gene 171382 Mouse Entrez Gene 171384 Rat Entrez Gene 79054 Human Q7Z2W7
Background:	TRPM8 (TRPP8, LTRPC6) is a transient receptor cation channel that has been shown to be a major cold receptor in sensory neurons. TRPM8 has been theorized to be activated by cold temperatures, voltage, calcium store depletion, some lipids, and also the compounds that produce cooling sensations such as menthol or icilin. TRPM8 is aberrantly over-expressed in pancreatic cancer along with colon, lung, breast and skin cancers, and is proposed to be required for cellular proliferation.
Synonyms:	LTRPC6; TRPP8

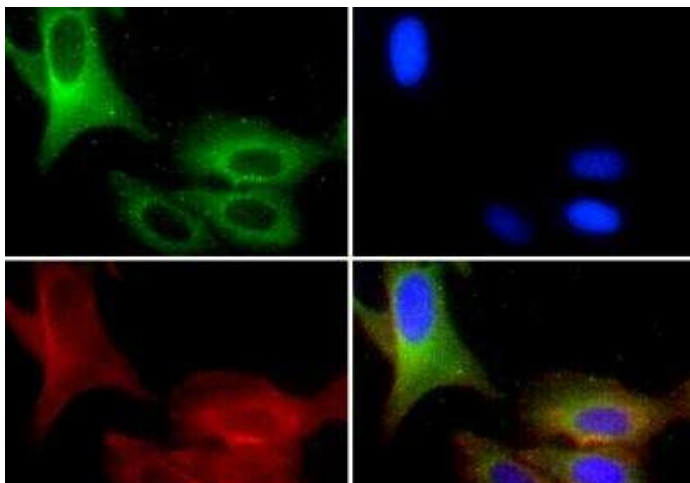


[View online »](#)

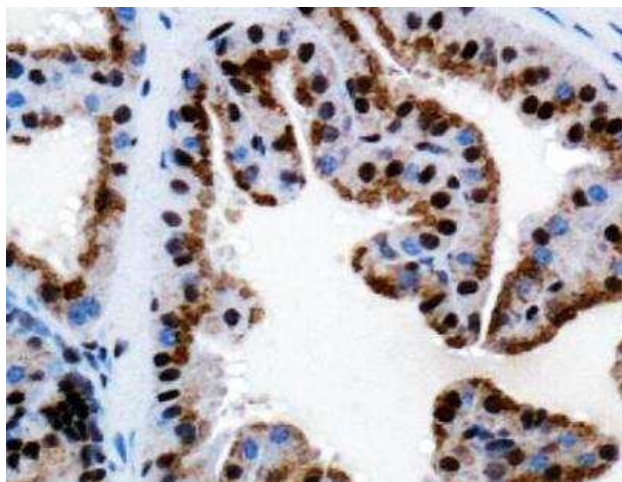
Note: This TRPM8 antibody is useful for Western Blot where a band is seen ~127 kDa, Immunocytochemistry/Immunofluorescence, and IHC-paraffin embedded sections. Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended.

Protein Families: Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane

Product images:



Immunocytochemistry/Immunofluorescence: TRPM8 Antibody TA336867 - TRPM8 antibody was tested in U2OS cells with FITC (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and DyLight 550 (red).



Immunohistochemistry: TRPM8 Antibody TA336867 - Analysis of TRPM8 in mouse prostate using DAB with hematoxylin counterstain.



Western Blot: TRPM8 Antibody TA336867 - Analysis of TRPM8 in PC12 cell lysate.