

Rabbit anti-Human TRPM8 Polyclonal Antibody | anti-TRPM8 antibody

TRPM8 Rabbit anti-Human Polyclonal (aa251-300) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162558	Rabbit	Human	Western Blot, Immunohistochemistry, Immunohistochemistry

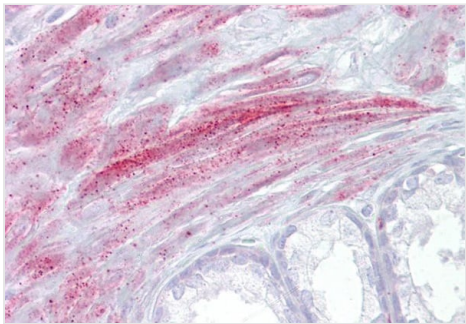
PRODUCT SYNONYMS

TRPM8; Polyclonal Antibody; TRPM8 Rabbit anti-Human Polyclonal (aa251-300) Antibody; PathPlus TRPM8 Antibody (aa251-300); CMR1; Cold-menthol receptor type 1; LTrpC-6; TRPP8; Trp-p8; LTRPC6; anti-TRPM8 antibody

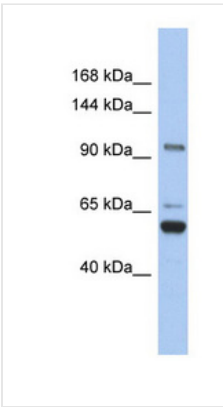
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human TRPM8
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.09% sodium azide, 2% sucrose
Concentration	0.5mg/ml (varies by lot)
Applicable Applications for anti-TRPM8 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target	Human TRPM8
Immunogen	Synthetic peptide located between aa251-300 of human TRPM8 (Q7Z2W7, NP_076985). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Baboon, Monkey, Marmoset, Panda, Dog, Bat, Rabbit, Horse, Pig, Armadillo (100%); Mouse, Rat, Elephant, Opossum, Platypus (92%); Galago, Guinea pig (85%).
Conjugation	Unconjugated
Epitope	aa251-300
Family	Ion Channel
Subfamily	Calcium channel-TRP
Preparation and Storage	Short term: Store at 2-8 degree C. Long term: Aliquot and store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
TRPM8 Antibody-Anti-TRPM8 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.



WB (Western Blot)
TRPM8 Antibody-TRPM8 antibody Western blot of ACHN lysate. This image was taken for the unconjugated form of this product. Other forms have not been tested.

ADDITIONAL INFORMATION

Related Product Information for anti-TRPM8 antibody	TRPM8 antibody is an unconjugated rabbit polyclonal antibody to TRPM8 (aa251-300) from human. It is reactive with human, bat, dog and other species. Validated for IHC and WB. TRPM8 is a transmembrane ion channel protein that is activated by cooling and is involved in menthol and cold sensation. Loss of TRPM8 in mice results in changes in response behaviors to cold temperatures such as decreased cold avoidance. In prostate cancer cells, TRPM8 is highly expressed and is involved in cancer cell growth, survival and regulation of calcium levels in androgen-dependent cancers, making it a potential target of therapy. In immunohistochemistry of normal tissue, it has plasma membrane positivity in the prostate and liver, with localization in the endoplasmic reticulum in prostate cancer cells.
References	CRC Press/Taylor & Francis; 2007. Chapter 13. Frontiers in Neuroscience. PMID: 21204488; Neuron. 2007 May 3;54(3):371-8; Cancer Res. 2004 Nov 15;64(22):8365-73, PMID: 15548706; The UniProt Consortium. Nucleic Acids Research. 2019. 47 (D1): D506 -D515, DOI: 10.1093/nar/gky1049;

NCBI AND UNIPROT INFORMATION

NCBI GI #	109689695
NCBI GeneID	79054
NCBI Accession #	NP_076985.4
NCBI GenBank Nucleotide #	NM_024080
UniProt Accession #	Q7Z2W7; Q3YFM7; Q6QNH9; Q8TAC3; Q8TDX8; Q9BVK1; A0AVG2
Molecular Weight	79,096 Da
NCBI Official Full Name	transient receptor potential cation channel subfamily M member 8
NCBI Official Synonym Full Names	transient receptor potential cation channel subfamily M member 8
NCBI Official Symbol	TRPM8
NCBI Official Synonym Symbols	TRPP8; LTRPC6
NCBI Protein Information	transient receptor potential cation channel subfamily M member 8
UniProt Protein Name	Transient receptor potential cation channel subfamily M member 8
UniProt Gene Name	TRPM8
UniProt Synonym Gene Names	LTRPC6; TRPP8; LTrpC-6; LTrpC6; Trp-p8
UniProt Entry Name	TRPM8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/trpm8-antibody-western-blot-immunohistochemistry-immunohistochemistry-elisa/162558>