

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

TRPM8 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288403	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

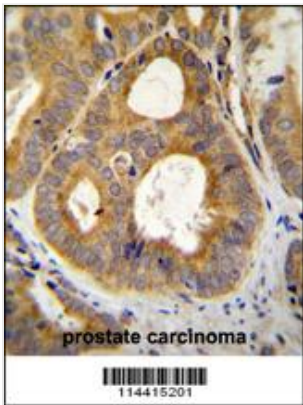
PRODUCT SYNONYMS

TRPM8; Polyclonal Antibody; TRPM8 Antibody (N-term); Transient receptor potential cation channel subfamily M member 8; Long transient receptor potential channel 6; LTrpC-6; LTrpC6; Transient receptor potential p8; Trp-p8; LTRPC6; TRPP8; anti-TRPM8 antibody

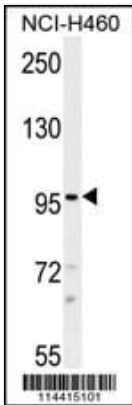
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TRPM8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 69-98 amino acids from the N-terminal region of human TRPM8.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	69-98
Sequence Length	682
Applicable Applications for anti-TRPM8 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
TRPM8 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of TRPM8 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
TRPM8 Antibody (N-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the TRPM8 antibody detected the TRPM8 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TRPM8 antibody	Receptor-activated non-selective cation channel involved in detection of sensations such as coolness, by being activated by cold temperature below 25 degrees Celsius. Activated by icilin, eucalyptol, menthol, cold and modulation of intracellular pH. Involved in menthol sensation. Permeable for monovalent cations sodium, potassium, and cesium and divalent cation calcium. Temperature sensing is tightly linked to voltage-dependent gating. Activated upon depolarization, changes in temperature resulting in graded shifts of its voltage-dependent activation curves. The chemical agonists menthol functions as a gating modifier, shifting activation curves towards physiological membrane potentials. Temperature sensitivity arises from a tenfold difference in the activation energies associated with voltage-dependent opening and closing.
Product Categories/Family for anti-TRPM8 antibody	Metabolism; Neuroscience; Signal Transduction
References	Yee, N.S., et al. Cancer Lett. 297(1):49-55(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Kuhn, F.J., et al. J. Biol. Chem. 285(35):26806-26814(2010) Gkika, D., et al. Oncogene 29(32):4611-4616(2010) Van Haute, C., et al. ScientificWorldJournal 10, 1597-1611 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	109689695
NCBI GeneID	79054
NCBI Accession #	NP_076985.4
NCBI GenBank Nucleotide #	NM_024080.4
UniProt Accession #	Q7ZZW7; Q3YFM7; Q6QNH9; Q8TAC3; Q8TDX8; Q9BVK1; A0AVG2
Molecular Weight	127685
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://www.aaabiotech.com/polyclonal/trpm8-antibody-immunohistochemistry-western-blot-elisa/288403>