

Rabbit TRPM8 Polyclonal Antibody | anti-TRPM8 antibody

TRPM8 antibody - N-terminal region

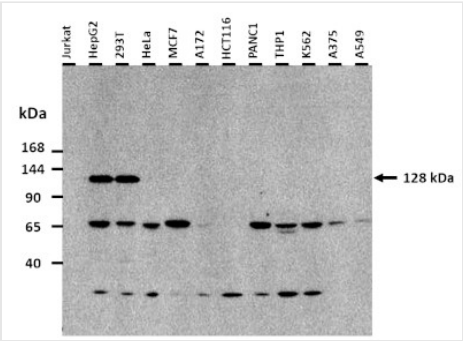
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197963	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

TRPM8; Polyclonal Antibody; TRPM8 antibody - N-terminal region; anti-TRPM8 antibody

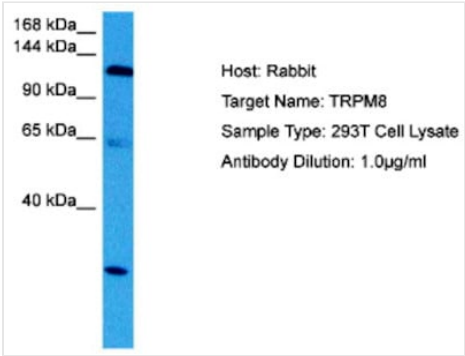
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 (varies by lot)
Sequence	Synthetic peptide with the following region: YI LDNNHTHLLL VDNGCHGHPT VEAKLNRNQLK KYISERTIQD SNYGGKIP
Sequence Length	1104
Applicable Applications for anti-TRPM8 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 100%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TRPM8
Protein size (#AA)	1104 amino acids
Protein Interactions	CHAMP1; TXLNA; ZC3H18; RTF1; SF3A3; USP10;
Blocking Peptide	For anti-TRPM8 antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



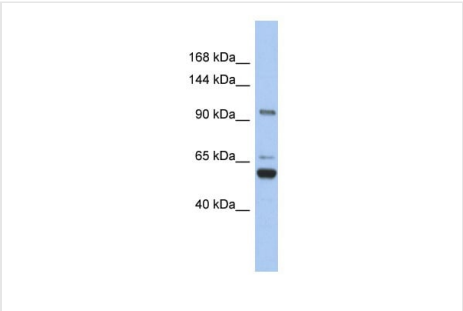
SDS_PAGE

25 ug of the indicated Human whole cell extracts was loaded onto a 6-18% SDS-PAGE gel. 0.5 ug/mL of the antibody was used in this experiment. An isoform containing the peptide sequence is present at ~ 19 kDa.



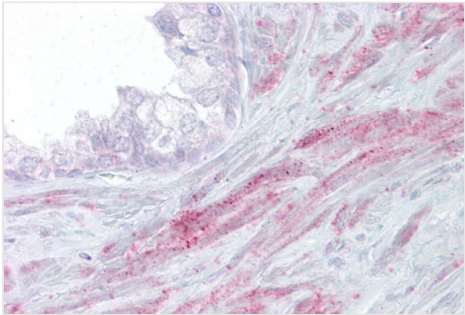
WB (Western Blot)

Host: RabbitTarget Name: TRPM8 Sample Tissue: Human 293T Whole CellAntibody Dilution: 1ug/ml



WB (Western Blot)

WB Suggested Anti-TRPM8 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:312500Positive Control: ACHN cell lysate



IHC (Immunohistochemistry)

Immunohistochemistry with Prostate tissue at an antibody concentration of 5ug/ml using anti-TRPM8 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TRPM8 antibody	This is a rabbit polyclonal antibody against TRPM8. It was validated on Western Blot using a cell lysate as a positive control. Target Description: TRPM8 is the receptor-activated non-selective cation channel involved in detection of sensations such as coolness, by being activated by cold temperature below 25 degrees Celsius. TRPM8 is activated by icilin, eucalyptol, menthol, cold and modulation of intracellular pH. TRPM8 is involved in menthol sensation. TRPM8 is permeable for monovalent cations sodium, potassium, and cesium and divalent cation calcium. Temperature sensing is tightly linked to voltage-dependent gating. TRPM8 was 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	Polyclonal; Ion Channel; Membrane Protein; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	109689695
NCBI GeneID	79054
NCBI Accession #	NP_076985
NCBI GenBank Nucleotide #	NM_024080
UniProt Accession #	Q7Z2W7
Molecular Weight	128kDa

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; trp-p8; LTrpC-6
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-western-blot-immunohistochemistry-elisa/197963>