

Rabbit TRPM2 Polyclonal Antibody | anti-TRPM2 antibody

TRPM2 antibody - N-terminal region

CATALOG # AAA199435	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

TRPM2; Polyclonal Antibody; TRPM2 antibody - N-terminal region; anti-TRPM2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat
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.
Sequence	Synthetic peptide with the following sequence: VA ILQALLKASR SQDHFGHENW DHQLKLAVAW NRVDIARSEI FMDEWQWK
Sequence Length	1503
Applicable Applications for anti-TRPM2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 86%; Guinea Pig: 88%; Horse: 93%; Human: 100%; Mouse: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TRPM2
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.

IMAGES



WB (Western Blot)

TRPM2 antibody - N-terminal region validated by WB using Fetal Brain Lysate at 1ug/ml.



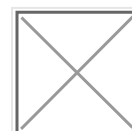
WB (Western Blot)

Host: RabbitTarget Name: TRPM2Sample Tissue: Human Fetal LiverAntibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

Sample Type: human heartAnti-TRPM2 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



IHC (Immunohistochemistry)

Sample Type: human brain, cortexAnti-TRPM2 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-TRPM2 antibody	This is a rabbit polyclonal antibody against TRPM2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: TRPM2 is a calcium-permeable cation channel that is regulated by free intracellular ADP-ribose. The encoded protein is activated by oxidative stress and confers susceptibility to cell death.The protein encoded by this gene is a calcium-permeable cation channel that is regulated by free intracellular ADP-ribose. The encoded protein is activated by oxidative stress and confers susceptibility to cell death. Several alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-TRPM2 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Developmental Biology; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507689
NCBI GeneID	7226
NCBI Accession #	NP_003298
NCBI GenBank Nucleotide #	NM_003307
UniProt Accession #	O94759
Molecular Weight	171kDa
NCBI Official Full Name	transient receptor potential cation channel subfamily M member 2 isoform 1
NCBI Official Synonym Full Names	transient receptor potential cation channel subfamily M member 2
NCBI Official Symbol	TRPM2
NCBI Official Synonym Symbols	KNP3; EREG1; TRPC7; LTRPC2; NUDT9H; LTrpC-2; NUDT9L1
NCBI Protein Information	transient receptor potential cation channel subfamily M member 2
UniProt Protein Name	Transient receptor potential cation channel subfamily M member 2
UniProt Gene Name	TRPM2
UniProt Synonym Gene Names	EREG1; KNP3; LTRPC2; TRPC7; LTrpC-2; LTrpC2; TrpC7
UniProt Entry Name	TRPM2_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.