

Rabbit anti-Human, Mouse TRPM5 Polyclonal Antibody | anti-TRPM5 antibody

TRPM5 Antibody

CATALOG # AAA304809	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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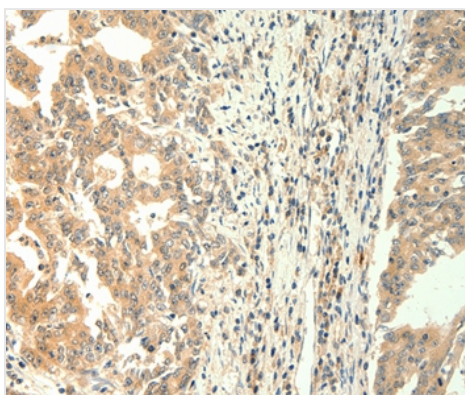
PRODUCT SYNONYMS

TRPM5; Polyclonal Antibody; TRPM5 Antibody; MTR1; LTRPC5; anti-TRPM5 antibody

PRODUCT SPECIFICATIONS

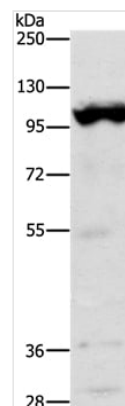
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total TRPM5 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.4 mg/ml (varies by lot)
Sequence Length	1165
Applicable Applications for anti-TRPM5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human transient receptor potential cation channel, subfamily M, member 5
Target Name	TRPM5
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using at dilution 1/60.



Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): Mouse heart tissue Amount of lysate: 40ug per lane Primary antibody: 1/1200 dilution Secondary antibody dilution: 1/8000 Exposure time: 20 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-TRPM5 antibody	This gene encodes a member of the transient receptor potential (TRP) protein family, which is a diverse group of proteins with structural features typical of ion channels. This protein plays an important role in taste transduction, and has characteristics of a calcium-activated, non-selective cation channel that carries Na+, K+, and Cs+ ions equally well, but not Ca(2+) ions. It is activated by lower concentrations of intracellular Ca(2+), and inhibited by higher concentrations. It is also a highly temperature-sensitive, heat activated channel showing a steep increase of inward currents at temperatures between 15 and 35 degrees Celsius. This gene is located within the Beckwith-Wiedemann syndrome critical region-1 on chromosome 11p15.5, and has been shown to be imprinted, with exclusive expression from the paternal allele.
Product Categories/Family for anti-TRPM5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	11225266
NCBI GeneID	29850
NCBI Accession #	NP_055370.1
NCBI GenBank Nucleotide #	NM_014555.3
UniProt Accession #	Q9NZQ8; Q52LU2; Q9NY34; A6NHS0
Molecular Weight	97,738 Da
NCBI Official Full Name	transient receptor potential cation channel subfamily M member 5
NCBI Official Synonym Full Names	transient receptor potential cation channel, subfamily M, member 5
NCBI Official Symbol	TRPM5
NCBI Official Synonym Symbols	MTR1; LTRPC5
NCBI Protein Information	transient receptor potential cation channel subfamily M member 5
UniProt Protein Name	Transient receptor potential cation channel subfamily M member 5
UniProt Gene Name	TRPM5
UniProt Synonym Gene Names	LTrpC-5; LTrpC5
UniProt Entry Name	TRPM5_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/trpm5-antibody-immunohistochemistry-western-blot-elisa/304809>