

Rabbit anti-Human TRPM7 Polyclonal Antibody | anti-TRPM7 antibody

TRPM7 Antibody

CATALOG # AAA232297	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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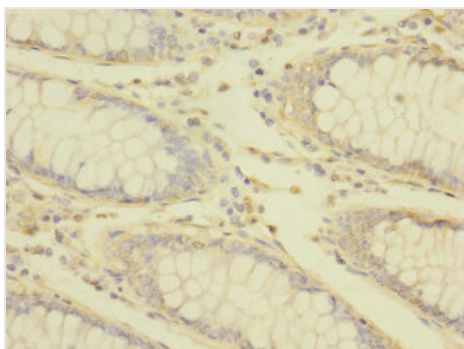
PRODUCT SYNONYMS

TRPM7; Polyclonal Antibody; TRPM7 Antibody; Transient receptor potential cation channel subfamily M member 7; Channel-kinase 1; Long transient receptor potential channel 7; LTrpC-7; LTrpC7; CHAK1; LTRPC7; anti-TRPM7 antibody

PRODUCT SPECIFICATIONS

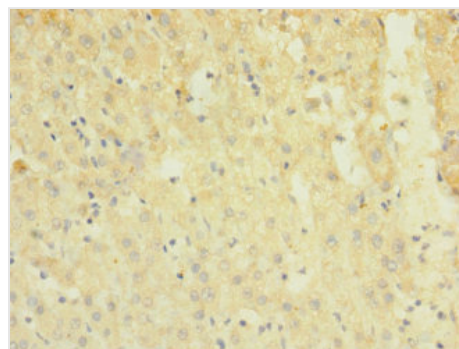
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	1864
Applicable Applications for anti-TRPM7 antibody	IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Transient receptor potential cation channel subfamily M member 7 protein (756-855AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-19562 / sc-19563 / sc-31378 / sc-31379 / sc-31381 / sc-98250
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer AAA232297 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer AAA232297 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-TRPM7 antibody	Essential ion channel and serine/threonine-protein kinase. Divalent cation channel permeable to calcium and magnesium. Has a central role in magnesium ion homeostasis and in the regulation of anoxic neuronal cell death. Involved in TNF-induced necroptosis downstream of MLKL by mediating calcium influx. The kinase activity is essential for the channel function. May be involved in a fundamental process that adjusts plasma membrane divalent cation fluxes according to the metabolic state of the cell. Phosphorylates annexin A1 (ANXA1).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	667751393
NCBI GeneID	54822
NCBI Accession #	NP_001288141.1
NCBI GenBank Nucleotide #	NM_001301212.1
UniProt Accession #	Q96QT4; Q6ZMF5; Q86VJ4; Q8NBW2; Q9BXB2; Q9NXQ2
Molecular Weight	212,697 Da
NCBI Official Full Name	transient receptor potential cation channel subfamily M member 7 isoform b
NCBI Official Synonym Full Names	transient receptor potential cation channel subfamily M member 7
NCBI Official Symbol	TRPM7
NCBI Official Synonym Symbols	CHAK; CHAK1; ALSPDC; LTRPC7; LTrpC-7; TRP-PLIK
NCBI Protein Information	transient receptor potential cation channel subfamily M member 7
UniProt Protein Name	Transient receptor potential cation channel subfamily M member 7
UniProt Gene Name	TRPM7
UniProt Synonym Gene Names	CHAK1; LTRPC7; LTrpC-7; LTrpC7
UniProt Entry Name	TRPM7_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.