

Rabbit TRPM7 Polyclonal Antibody | anti-TRPM7 antibody

TRPM7 Polyclonal Antibody

CATALOG # AAA170453	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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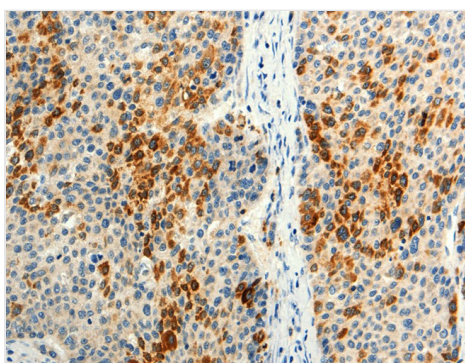
PRODUCT SYNONYMS

TRPM7; Polyclonal Antibody; TRPM7 Polyclonal Antibody; CHAK; CHAK1; ALSPDC; LTRPC7; TRP-PLIK; anti-TRPM7 antibody

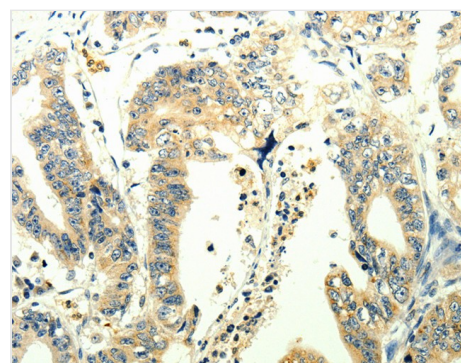
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.9mg/mL (varies by lot)
Sequence Length	1865
Applicable Applications for anti-TRPM7 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human TRPM7
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TRPM7 Polyclonal Antibody at dilution 1:25



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TRPM7 Polyclonal Antibody at dilution 1:25

ADDITIONAL INFORMATION

Related Product Information for anti-TRPM7 antibody

The protein encoded by this gene is both an ion channel and a serine/threonine protein kinase. The kinase activity is essential for the ion channel function, which serves to increase intracellular calcium levels and to help regulate magnesium ion homeostasis. Defects in this gene are a cause of amyotrophic lateral sclerosis-parkinsonism/dementia complex of Guam.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148612863
NCBI GeneID	54822
NCBI Accession #	NP_060142.3
NCBI GenBank Nucleotide #	NM_017672.5
Molecular Weight	212,697 Da
NCBI Official Full Name	transient receptor potential cation channel subfamily M member 7 isoform a
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; LTRPC ion channel family member 7; channel-kinase 1; long transient receptor potential channel 7; transient receptor potential-phospholipase C-interacting kinase
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.