

Rabbit Transient Receptor Potential Cation Channel Subfamily M Polyclonal Antibody | anti-TRPM7 antibody

Polyclonal Antibody to Transient Receptor Potential Cation Channel Subfamily M, Member 7 (TRPM7)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142294	Rabbit	Rat, Human, Mouse	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Transient Receptor Potential Cation Channel Subfamily M; Polyclonal Antibody; Polyclonal Antibody to Transient Receptor Potential Cation Channel Subfamily M; Member 7 (TRPM7); anti-TRPM7 antibody

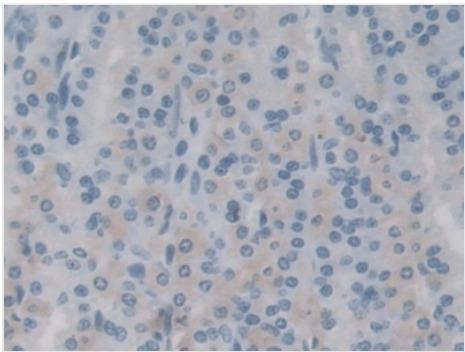
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat, Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	0.5mg/ml (varies by lot)
Applicable Applications for anti-TRPM7 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Source	Polyclonal antibody preparation
Traits	Liquid
Cross Reactivity	Human;Mouse
Immunogen	Recombinant TRPM7 (Ile19~Gly179) expressed in E.coli : ()
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 24 months. Stability Test: thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

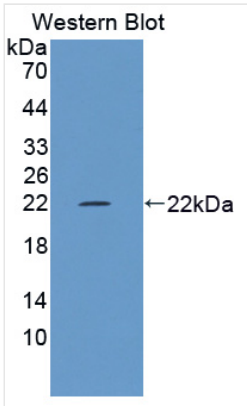
IMAGES



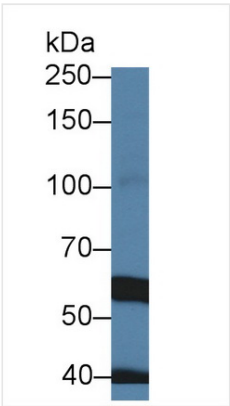
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Heart Tissue Primary Ab: 30ug/ml Rabbit Anti-Rat TRPM7 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Stomach Tissue; Primary Ab: 30ug/ml Rabbit Anti-Rat TRPM7 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody .



WB (Western Blot)
Western Blot: Sample: Recombinant TRPM7, Rat



WB (Western Blot)
Western Blot: Sample: Rat Pancreas lysate; Primary Ab: 1.5ug/ml Rabbit Anti-Rat TRPM7 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	215274952
NCBI GeneID	679906
UniProt Accession #	Q925B3; A7L642
NCBI Official Full Name	Transient receptor potential cation channel subfamily M member 7
NCBI Official Synonym Full Names	transient receptor potential cation channel, subfamily M, member 7
NCBI Official Symbol	Trpm7
NCBI Official Synonym Symbols	Chak; 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	TRP-PLIK

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.