

TRPM7 Antibody FITC Conjugated

Catalog No: #C07681F

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Description

Product Name	TRPM7 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 800-850 1865 derived from human TRPM7
Conjugates	FITC
Target Name	TRPM7
Other Names	CHAK; CHAK1; ALSPDC; LTRPC7; LTrpC-7; TRP-PLIK; Transient receptor potential cation channel subfamily M member 7; Channel-kinase 1; Long transient receptor potential channel 7; TRPM7
Accession No.	Swiss-Prot#Q96QT4NCBI Gene ID54822
Uniprot	Q96QT4
GeneID	54822;
Excitation Emission	494nm 518nm
Cell Localization	Extracellular
Concentration	1mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

ICC=1:50-200 IF=1:50-200

Background

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).

Note: This product is for in vitro research use only