

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