Datasheet for ABIN7172869

anti-TRPM7 antibody (AA 756-855)

2 Images

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Overview

Quantity:	100 µL
Target:	TRPM7
Binding Specificity:	AA 756-855
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPM7 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Transient receptor potential cation channel subfamily M member 7 protein (756-855AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	TRPM7
Alternative Name:	TRPM7 (TRPM7 Products)
Background:	Background: Essential ion channel and serine/threonine-protein kinase. Divalent cation channel

Target Details

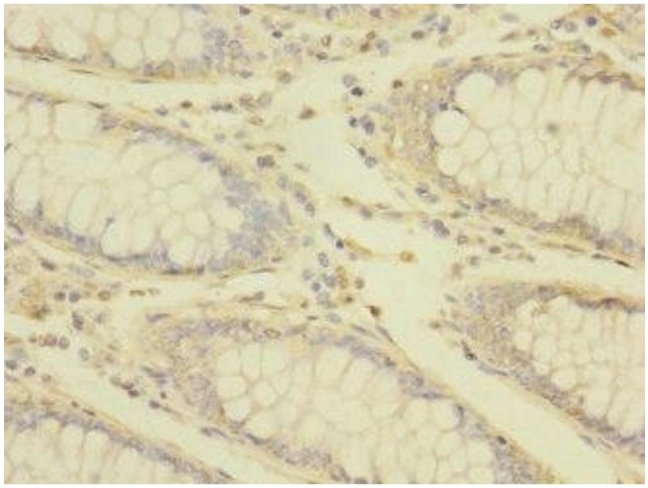
	permeable to calcium and magnesium. Has a central role in magnesium ion homeostasis and in the regulation of anoxic neuronal cell death. Involved in TNF-induced necroptosis downstream of MLKL by mediating calcium influx. The kinase activity is essential for the channel function. May be involved in a fundamental process that adjusts plasma membrane divalent cation fluxes according to the metabolic state of the cell. Phosphorylates annexin A1 (ANXA1). Aliases: ALSPDC antibody, CHAK antibody, CHAK1 antibody, Channel kinase 1 antibody, Channel-kinase 1 antibody, Long transient receptor potential channel 7 antibody, LTrpC-7 antibody, LTrpC7 antibody, Transient receptor potential cation channel subfamily M member 7 antibody, TRP PLIK antibody, TRPM7 antibody, TRPM7_HUMAN antibody
UniProt:	Q96QT4

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200,
Restrictions:	For Research Use only

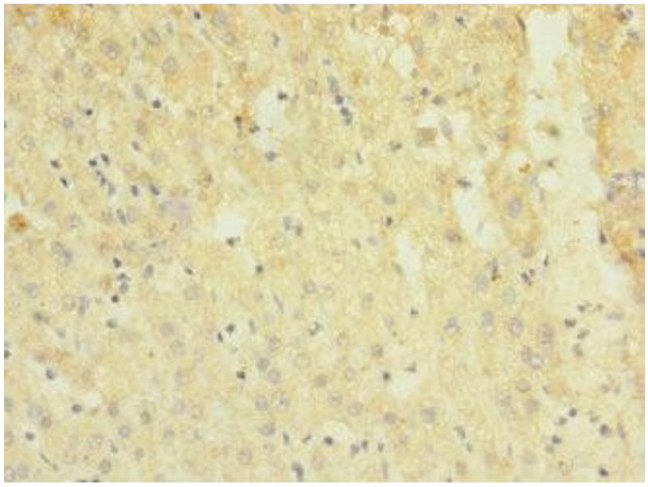
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7172869 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7172869 at dilution of 1:100

