

TRPM7 Antibody

Catalog No: #37281

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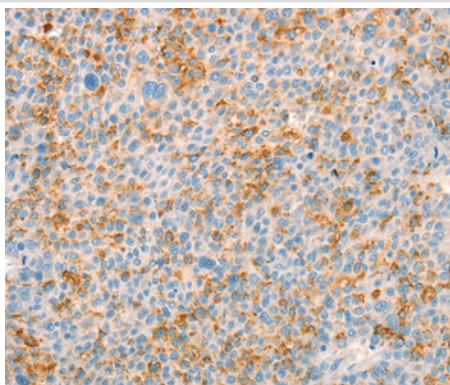
Description

Product Name	TRPM7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TRPM7 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human transient receptor potential cation channel, subfamily M, member 7
Target Name	TRPM7
Other Names	CHAK; CHAK1; ALSPDC; LTRPC7; TRP-PLIK
Accession No.	Swiss-Prot#: Q96QT4NCBI Gene ID: 54822Gene Accsson: NP_060142
Uniprot	Q96QT4
GeneID	54822;
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:25-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #37281 at dilution 1/25.

Background

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.

Note: This product is for in vitro research use only