

TM9SF1 Antibody

Catalog No: #43640

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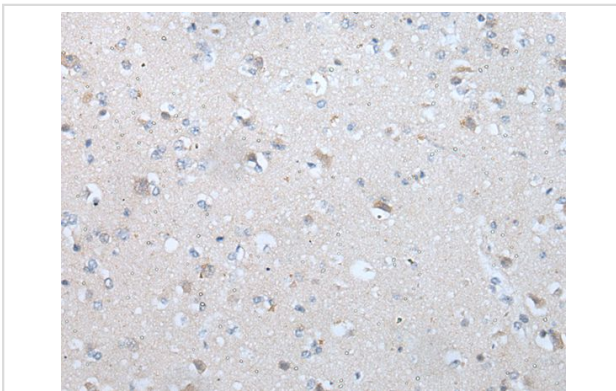
Description

Product Name	TM9SF1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TM9SF1 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human TM9SF1
Target Name	TM9SF1
Other Names	MP70; HMP70
Accession No.	Swiss-Prot#: O15321NCBI Gene ID: 10548
Uniprot	O15321
GeneID	10548;
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: 10-50

Images



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using TM9SF1 Antibody at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

Transmembrane 9 superfamily member 1 (TM9SF1), also known as MP70 or HMP70, is a 606 amino acid member of the nonaspin (TM9SF) family. A multi-pass membrane protein with nine putative hydrophobic transmembrane domains, TM9SF1 is expressed in lung, pancreas, liver, kidney and placenta. Lower levels of expression can be found in brain, heart and skeletal muscle. TM9SF1 is highly conserved among a variety of species and shares homology with three complete yeast proteins, ten plant proteins and one nematode unidentified protein. Protein conformation and cloning data

suggest that TM9SF1 may function as a channel, small molecular transporter or receptor.

Note: This product is for in vitro research use only