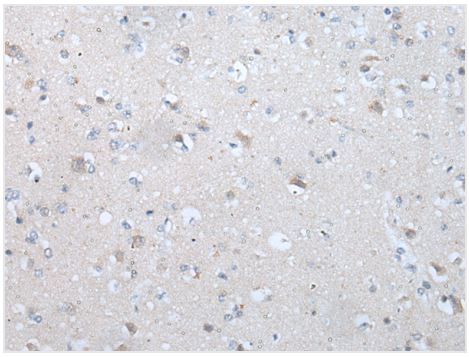
TM9SF1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TM9SF1, Polyclonal Antibody
Full Product Name	TM9SF1 Polyclonal Antibody
Product Gene Name	anti-TM9SF1 antibody
Product Synonym Names	HMP 70; HMP70; MP 70; MP70; MP70 protein family member; Multispanning membrane protein (70kD); TM9S1; Tm9sf1; Transmembrane 9 superfamily member 1; Transmembrane protein 9 superfamily member 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Purity/Purification	Antigen Affinity Purification
Concentration	0.6mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
3D Structure	ModBase 3D Structure for O15321
Immunogen	Synthetic peptide of human TM9SF1
Conjugation	Unconjugated
Product Categories/Family for anti-TM9SF1 antibody	Cancer; Cell Biology; Metabolism; Signal transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TM9SF1 antibody	Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-TM9SF1 antibody	IHC: 1:10-1:50 ELISA: 1:5000-1:10000
Related Product Information for anti-TM9SF1 antibody	TM9SF1 (Transmembrane 9 Superfamily Member 1) is a Protein Coding gene. Diseases associated with TM9SF1 include Fuchs' Endothelial Dystrophy and Corneal Disease. An important paralog of this gene is ENSG00000254692.
Other Notes	Small volumes of anti-TM9SF1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TM9SF1 purchase	MBS2563243 is an antibody targeting TM9SF1. Also known as TM9SF1 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Immunohistochemistry (IHC) of anti-TM9SF1 antibody
Immunohistochemistry of paraffin-embedded Human brain tissue using TM9SF1 Polyclonal Antibody at dilution of 1:30(×200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TM9SF1. It may not necessarily be applicable to this product.

NCBI GI #	21361315
NCBI GeneID	10548
NCBI Accession #	NP_006396.2
UniProt Primary Accession #	O15321
UniProt Related Accession #	O15321
GenBank Nucleotide #	NP_006396.2
NCBI Official Full Name	transmembrane 9 superfamily member 1 isoform a
NCBI Official Synonym Full Names	transmembrane 9 superfamily member 1
NCBI Official Symbol	TM9SF1
NCBI Official Synonym Symbols	MP70; HMP70
UniProt Protein Name	Transmembrane 9 superfamily member 1
UniProt Synonym Protein Names	MP70 protein family member; hMP70
Protein Family	Transmembrane 9 superfamily
UniProt Gene Name	TM9SF1
UniProt Synonym Gene Names	hMP70
UniProt Entry Name	TM9S1_HUMAN
NCBI Protein Information	transmembrane 9 superfamily member 1
UniProt Comments for TM9SF1	TM9SF1: Plays an essential role in autophagy. Belongs to the nonaspanin (TM9SF) family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, multi-pass; Membrane protein, integral Chromosomal Location of Human Ortholog: 14q11.2 Cellular Component: lysosomal membrane; integral to membrane; cytoplasmic vesicle Biological Process: autophagy
Research Articles on TM9SF1	**1.** The results of transmission electron microscopy and immunoblotting to examine LC3-II levels further confirmed the ability of TM9SF1 to induce autophagy.

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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