

Rabbit anti-Human TMEM59 Polyclonal Antibody | anti-TMEM59 antibody

TMEM59 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39345	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

TMEM59; Polyclonal Antibody; TMEM59 Antibody; C1orf8; HSPC001; UNQ169/PRO195; Transmembrane protein 59; Liver membrane-bound protein; transmembrane protein 59; anti-TMEM59 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TMEM59 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	323
Applicable Applications for anti-TMEM59 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TMEM59 antibody was raised against a 16 amino acid synthetic peptide near amino terminus of human TMEM59.
Buffer	TMEM59 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TMEM59 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



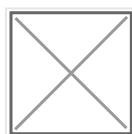
IF (Immunofluorescence)

Immunofluorescence of TMEM59 in human kidney tissue with TMEM59 antibody at 20 μg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of TMEM59 in human kidney tissue with TMEM59 antibody at 2.5 μg/mL.



WB (Western Blot)

Western blot analysis of TMEM59 in human kidney tissue lysate with TMEM59 antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TMEM59 antibody	TMEM59 Antibody: Processing of the amyloid precursor protein (APP) by two different proteases, called alpha- and beta-secretase, is a central regulatory event in the generation of the amyloid beta peptide (Abeta), which has a key role in Alzheimer disease (AD) pathogenesis. TMEM59, a Golgi-localized protein, modulates the O-glycosylation and complex N-glycosylation steps occurring during the Golgi maturation of several proteins such as APP, BACE1, SEAP or PRNP. It inhibits APP transport and shedding.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20070191
NCBI GeneID	9528
NCBI Accession #	NP_004863
NCBI GenBank Nucleotide #	NM_004872.3
UniProt Accession #	Q9BXS4; O75393; Q4VBP9; Q5T705; Q96KX7; B3KQL7
Molecular Weight	36,223 Da
NCBI Official Full Name	transmembrane protein 59
NCBI Official Synonym Full Names	transmembrane protein 59
NCBI Official Symbol	TMEM59
NCBI Official Synonym Symbols	C1orf8; HSPC001
NCBI Protein Information	transmembrane protein 59; liver membrane-bound protein
UniProt Protein Name	Transmembrane protein 59
UniProt Gene Name	TMEM59
UniProt Synonym Gene Names	C1orf8
UniProt Entry Name	TMM59_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tmem59-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39345>