

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

TMEM59 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233711	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

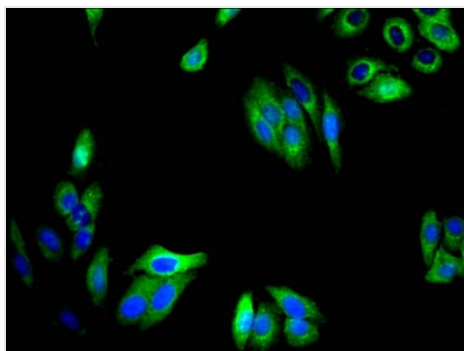
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

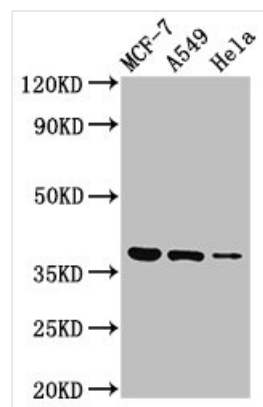
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	324
Applicable Applications for anti-TMEM59 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Transmembrane protein 59 protein (59-201AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA233711 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



WB (Western Blot)

Western Blot Positive WB detected in: MCF-7 whole cell lysate, A549 whole cell lysate, HeLa whole cell lysate. All lanes: TMEM59 antibody at 3ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 37 KDa. Observed band size: 37 KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TMEM59 antibody	Acts as a regulator of autophagy in response to S.aureus infection by promoting activation of LC3 (MAP1LC3A, MAP1LC3B or MAP1LC3C). Acts by interacting with ATG16L1, leading to promote a functional complex between LC3 and ATG16L1 and promoting LC3 lipidation and subsequent activation of autophagy (PubMed:27273576, PubMed:23376921). Modulates the O-glycosylation and complex N-glycosylation steps occurring during the Golgi maturation of several proteins such as APP, BACE1, SEAP or PRNP (PubMed:20427278). Inhibits APP transport to the cell surface and further shedding (PubMed:20427278).
Product Categories/Family for anti-TMEM59 antibody	Neuroscience; Tags & Cell Markers; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	758818592
NCBI GeneID	9528
NCBI Accession #	NP_001291972.1
NCBI GenBank Nucleotide #	NM_001305043.1
UniProt Accession #	Q9BXS4; O75393; Q4VBP9; Q5T705; Q96KX7; B3KQL7
Molecular Weight	36,223 Da
NCBI Official Full Name	transmembrane protein 59 isoform 1
NCBI Official Synonym Full Names	transmembrane protein 59
NCBI Official Symbol	TMEM59
NCBI Official Synonym Symbols	DCF1; C1orf8; PRO195; UNQ169; HSPC001
NCBI Protein Information	transmembrane protein 59
UniProt Protein Name	Transmembrane protein 59
UniProt Gene Name	TMEM59
UniProt Synonym Gene Names	C1orf8

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://www.aaabiotech.com/polyclonal/tmem59-antibody-immunofluorescence-western-blot-elisa/233711>