

Product datasheet for **TA319781**

TMEM59 Rabbit Polyclonal Antibody

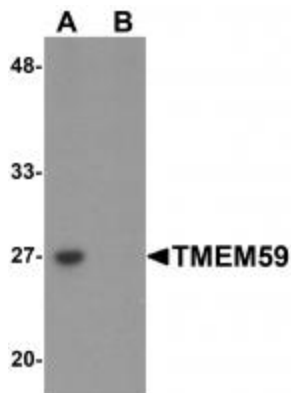
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 2.5 ug/mL, IF: 20 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TMEM59 antibody was raised against a 16 amino acid synthetic peptide near amino terminus of human TMEM59.
Formulation:	TMEM59 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	TMEM59 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	transmembrane protein 59
Database Link:	NP_004863 Entrez Gene 9528 Human Q9BXS4
Background:	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.
Synonyms:	C1orf8; DCF1; HSPC001; PRO195; UNQ169
Protein Families:	Transmembrane

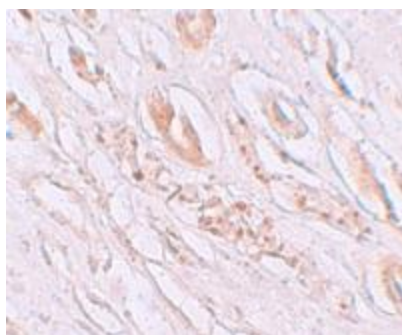


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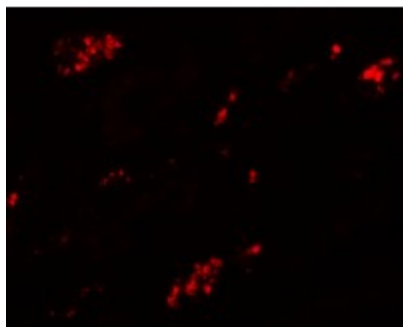
Product images:



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



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



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