10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TMEM59L Rabbit pAb

TMEM59L Rabbit pAb
Catalog # AP54579

Product Information

Application	WB
Primary Accession	Q9UK28
Reactivity	Human
Predicted	Rat, Pig, Dog, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37619
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TMEM59L
Epitope Specificity	251-342/342
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Golgi apparatus membrane.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	BSMAP is a 342 amino acid type-I membrane glycoprotein that localizes to organelle membranes and belongs to the TMEM59 family. Expressed at high levels in brain tissue, BSMAP is thought to play a role in brain function and central nervous system activity. The gene encoding BSMAP maps to human chromosome 19, which consists of over 63 million bases, houses approximately 1,400 genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin (Ig) superfamily members, including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family and Fc receptors (FcRs).

Additional Information

Gene ID	25789
Other Names	Transmembrane protein 59-like, Brain-specific membrane-anchored protein, TMEM59L, BSMAP, C19orf4
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

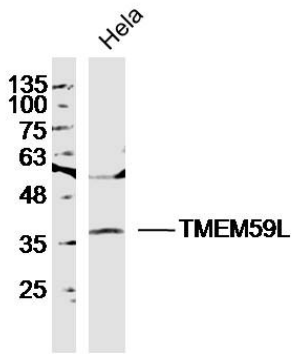
Protein Information

Name	TMEM59L
Synonyms	BSMAP, C19orf4
Function	Modulates the O-glycosylation and complex N-glycosylation steps occurring during the Golgi maturation of APP. Inhibits APP transport to the cell surface and further shedding.
Cellular Location	Golgi apparatus membrane; Single-pass type I membrane protein
Tissue Location	Expressed preferentially at high level in the brain

Background

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Images



Sample: Hela Cell(Human)Lysate at 30 ug
Primary: Anti-TMEM59L (AP54579)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 35kD
Observed band size: 37kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.