



Rabbit Anti-TMEM59L antibody

SL11648R

Product Name:	TMEM59L
Chinese Name:	Transmembrane protein59样蛋白抗体
Alias:	BSMAP; Brain-specific membrane-anchored protein; C19orf4; TM59L_HUMAN; Tmem59l; Transmembrane protein 59-like.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	35kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TMEM59L:251-342/342
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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).

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.

Subcellular Location:

Golgi apparatus membrane.

Tissue Specificity:

Expressed preferentially at high level in the brain.

Post-translational modifications:

Belongs to the TMEM59 family.

Similarity:

Belongs to the TMEM59 family.

SWISS:

Q9UK28

Gene ID:

25789

Database links:

[Entrez Gene: 25789](#) Human

[Entrez Gene: 67937](#) Mouse

[Entrez Gene: 306349](#) Rat

[SwissProt: Q9UK28](#) Human

[SwissProt: Q7TNI2](#) Mouse

[SwissProt: Q5HZE8](#) Rat

[Unigene: 329850](#) Human

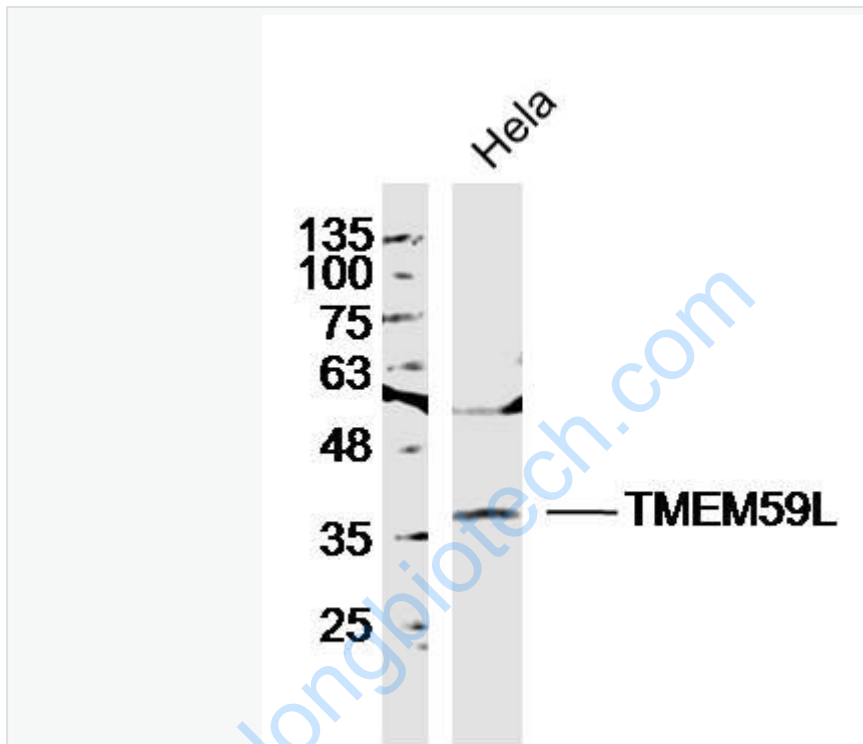
[Unigene: 23002](#) Mouse

[Unigene: 203070](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample: HeLa Cell(Human)Lysate at 30 ug

Primary: Anti-TMEM59L (SL11648R)at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 35kD

Observed band size: 37kD