# .-online.com antibodies

# Datasheet for ABIN1450042 anti-TMEM59L antibody (C-Term)

2 Images



#### Overview

Quantity:	0.1 mg
Target:	TMEM59L
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM59L antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

# Product Details

Immunogen:	19 amino acid synthetic peptide near carboxy terminus of Human TMEM59L
Isotype:	lgG
Cross-Reactivity (Details):	Species reactivity (tested):Human, Mouse, Rat.
Purification:	Affinity chromatography purified via peptide column

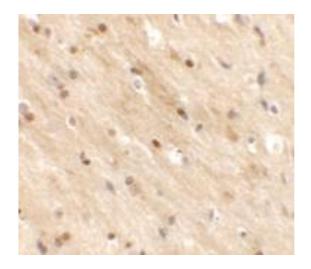
### Target Details

Target:	TMEM59L
Alternative Name:	TMEM59L (TMEM59L Products)
Background:	Processing of the amyloid precursor protein (APP) by two different proteases, called alpha- and

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN1450042 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

# Target Details

	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. TMEM59L is a type I membrane glycoprotein that is expressed in the brain. A related protein, TMEM59, is a Golgi- localized protein that modulates the O-glycosylation and complex N-glycosylation steps occurring during the Golgi maturation of several proteins such as APP, BACE1, SEAP or PRNP and inhibits APP transport and shedding.Synonyms: BSMAP, Brain-specific membrane- anchored protein, C19orf4, Transmembrane protein 59-like
Gene ID:	25789
NCBI Accession:	NP_036241
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

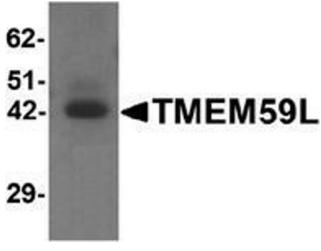


#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of TMEM59L in mouse brain tissue with TMEM59L antibody at 2.5 ug/mL.

#### Western Blotting

**Image 2.** Western blot analysis of TMEM59L in rat heart tissue lysate with TMEM59L antibody at 1  $\mu$ g/mL



Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN1450042 | 09/12/2023 | Copyright antibodies-online. All rights reserved.