



[Go to Product page](#)

Datasheet for ABIN7173246  
**anti-TMEM59 antibody (AA 59-201) (Biotin)**

### Overview

Quantity:	100 µg
Target:	TMEM59
Binding Specificity:	AA 59-201
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM59 antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Transmembrane protein 59 protein (59-201AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	TMEM59
Alternative Name:	TMEM59 ( <a href="#">TMEM59 Products</a> )
Background:	Background: 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,

## Target Details

---

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). Aliases: C1orf8 antibody, HSPC001 antibody, Liver membrane-bound protein antibody, TMEM59 antibody, TMEM59 transmembrane protein 59 antibody, TMM59\_HUMAN antibody, Transmembrane protein 59 antibody

---

UniProt: [Q9BXS4](#)

## Application Details

---

Application Notes: Optimal working dilution should be determined by the investigator.

---

Restrictions: For Research Use only

## Handling

---

Format: Liquid

---

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

---

Preservative: ProClin

---

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

---

Storage: -20 °C,-80 °C

---

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.