

**TM9SF1 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP13312a**

**Specification**

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**TM9SF1 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O15321</a>
Other Accession	<a href="#">A4IFE9</a> , <a href="#">NP_001014842.1</a> , <a href="#">NP_006396.2</a>
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	68861
Antigen Region	194-223

**TM9SF1 Antibody (N-term) - Additional Information**

**Gene ID** 10548

**Other Names**

Transmembrane 9 superfamily member 1, MP70 protein family member, hMP70, TM9SF1

**Target/Specificity**

This TM9SF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 194-223 amino acids from the N-terminal region of human TM9SF1.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TM9SF1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**TM9SF1 Antibody (N-term) - Protein Information**

**Name** TM9SF1

**Function** Plays an essential role in autophagy.

### Cellular Location

Lysosome membrane; Multi-pass membrane protein. Cytoplasmic vesicle, autophagosome membrane; Multi- pass membrane protein

### Tissue Location

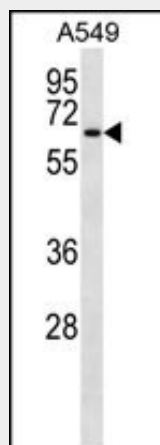
Expressed in lung, pancreas, kidney, liver, placenta, skeletal muscle, heart and brain. The amount in skeletal muscle, heart and brain were considerably lower than in the other tissues.

### TM9SF1 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### TM9SF1 Antibody (N-term) - Images



TM9SF1 Antibody (N-term) (Cat. #AP13312a) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the TM9SF1 antibody detected the TM9SF1 protein (arrow).

### TM9SF1 Antibody (N-term) - Background

TM9SF1 plays an essential role in autophagy.

### TM9SF1 Antibody (N-term) - References

He, P., et al. Autophagy 5(1):52-60(2009)  
Sugasawa, T., et al. Gene 273(2):227-237(2001)  
Chluba-de Tapia, J., et al. Gene 197 (1-2), 195-204 (1997) :