

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

TM9SF1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O15321
Other Accession	A4IFE9 , NP_001014842.1 , NP_006396.2
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

E~~Use at an assay dependent concentration.

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

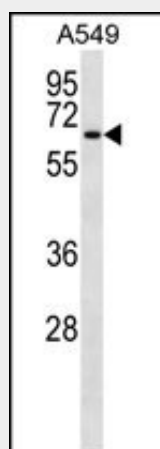
Expressed in lung, pancreas, kidney, liver, placenta, skeletal muscle, heart and brain. The amount in skeletal muscle, heart and brain were considerably lower than in the other tissues.

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) :