

TM9SF1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13312a**Specification**

TM9SF1 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [O15321](#)**TM9SF1 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 10548**Other Names**

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

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13312a was selected from the N-term region of TM9SF1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TM9SF1 Antibody (N-term) Blocking peptide - 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) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

TM9SF1 Antibody (N-term) Blocking peptide - Images

TM9SF1 Antibody (N-term) Blocking peptide - Background

TM9SF1 plays an essential role in autophagy.

TM9SF1 Antibody (N-term) Blocking peptide - References

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