

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

## Specification

# TM9SF1 Antibody (N-term) Blocking peptide - Product Information

Primary Accession

## <u>015321</u>

# 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.

<u>Blocking Peptides</u>

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)Sugasawa, T., et al. Gene 273(2):227-237(2001)Chluba-de Tapia, J., et al. Gene 197 (1-2), 195-204 (1997) :