

TMEM159 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16846b**Specification**

TMEM159 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q96B96](#)
Other Accession http://www.uniprot.org/uniprot/Q96B96==Q96B96@@http://www.ncbi.nlm.nih.gov/protein/NP_065155.3==NP_065155.3

TMEM159 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 57146

Other Names

Promethin, Transmembrane protein 159, TMEM159

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.

TMEM159 Antibody (C-term) Blocking Peptide - Protein Information

Name LDAF1 ([HGNC:30136](#))

Synonyms TMEM159

Function

Plays an important role in the formation of lipid droplets (LD) which are storage organelles at the center of lipid and energy homeostasis (PubMed:31708432). In association with BSCL2/seipin, defines the sites of LD formation in the endoplasmic reticulum (PubMed:31708432).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Lipid droplet. Note=Co- localizes with BSCL2/seipin in the ER, upon LD formation dissociates from BSCL2/seipin and relocalizes to LD surfaces during LD maturation

Tissue Location

Expressed at high levels in the heart and skeletal muscle. Expressed at low levels in kidney, small

intestine, lung and liver.

TMEM159 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TMEM159 Antibody (C-term) Blocking Peptide - Images

TMEM159 Antibody (C-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Lamesch, P., et al. Genomics
89(3):307-315(2007)Toulza, E., et al. Genome Biol. 8 (6), R107 (2007) :Yu, S., et al. Biochimie
86(11):743-761(2004)Yu, S., et al. J. Biol. Chem. 278(1):498-505(2003)