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TMEM188 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP11358a

Specification

TMEM188 Antibody (N-term) Blocking peptide - Product Information

Primary Accession	Q8N9A8
Other Accession	NP_694993.2

TMEM188 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 255919

Other Names
Nuclear envelope phosphatase-regulatory subunit 1, NEP1-R1, Transmembrane protein 188, CNEP1R1, C16orf69, TMEM188

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.

TMEM188 Antibody (N-term) Blocking peptide - Protein Information

Name CNEP1R1

Synonyms C16orf69, TMEM188

Function
Forms with the serine/threonine protein phosphatase CTDNEP1 an active complex which dephosphorylates and may activate LPIN1 and LPIN2. LPIN1 and LPIN2 are phosphatidate phosphatases that catalyze the conversion of phosphatidic acid to diacylglycerol and control the metabolism of fatty acids at different levels. May indirectly modulate the lipid composition of nuclear and/or endoplasmic reticulum membranes and be required for proper nuclear membrane morphology and/or dynamics. May also indirectly regulate the production of lipid droplets and triacylglycerol.

Cellular Location
Nucleus membrane; Multi-pass membrane protein. Cytoplasm. Note=Filamentous pattern in the cytoplasm

Tissue Location
Muscle specific with lower expression in other metabolic tissues.

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TMEM188 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

TMEM188 Antibody (N-term) Blocking peptide - Images

TMEM188 Antibody (N-term) Blocking peptide - References

Ota, T., et al. Nat. Genet. 36(1):40-45(2004)