

SMTNL1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11480c**Specification**

SMTNL1 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [A8MU46](#)**SMTNL1 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 219537**Other Names**

Smoothelin-like protein 1, SMTNL1

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.

SMTNL1 Antibody (Center) Blocking peptide - Protein Information**Name** SMTNL1**Function**

Plays a role in the regulation of contractile properties of both striated and smooth muscles. When unphosphorylated, may inhibit myosin dephosphorylation. Phosphorylation at Ser-299 reduces this inhibitory activity (By similarity).

Cellular Location

Cytoplasm, myofibril. Cytoplasm, myofibril, sarcomere, I band. Cytoplasm, myofibril, sarcomere, M line Nucleus. Note=Colocalizes with MYH2. In its unphosphorylated state, localizes to the cytoplasm (By similarity) Phosphorylation at Ser-301 promotes translocation to the nucleus (By similarity).

Tissue Location

Expressed in striated muscles, specifically in type 2a fibers (at protein level).

SMTNL1 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SMTNL1 Antibody (Center) Blocking peptide - Images