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SNTB2 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP16247c

Specification

SNTB2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q13425

SNTB2 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 6645

Other Names
Beta-2-syntrophin, 59 kDa dystrophin-associated protein A1 basic component 2, Syntrophin-3, SNT3, Syntrophin-like, SNTL, SNTB2, D16S2531E, SNT2B2, SNTL

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.

SNTB2 Antibody (Center) Blocking Peptide - Protein Information

Name SNTB2

Synonyms D16S2531E, SNT2B2, SNTL

Function
Adapter protein that binds to and probably organizes the subcellular localization of a variety of membrane proteins. May link various receptors to the actin cytoskeleton and the dystrophin glycoprotein complex. May play a role in the regulation of secretory granules via its interaction with PTPRN.

Cellular Location
Membrane. Cytoplasmic vesicle, secretory vesicle membrane; Peripheral membrane protein. Cell junction Cytoplasm, cytoskeleton. Note=Membrane-associated. In muscle, it is exclusively localized at the neuromuscular junction (By similarity). In insulinoma cell line, it is enriched in secretory granules

Tissue Location
Ubiquitous. Isoform 1 is the predominant isoform. Weak level of isoform 2 is present in all tested tissues, except in liver and heart where it is highly expressed

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SNTB2 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

SNTB2 Antibody (Center) Blocking Peptide - Images

SNTB2 Antibody (Center) Blocking Peptide - Background

Dystrophin is a large, rod-like cytoskeletal protein foundat the inner surface of muscle fibers. Dystrophin is missing inDuchenne Muscular Dystrophy patients and is present in reducedamounts in Becker Muscular Dystrophy patients. The protein encodedby this gene is a peripheral membrane protein found associated withdystrophin and dystrophin-related proteins. This gene is a memberof the syntrophin gene family, which contains at least two otherstructurally-related genes.

SNTB2 Antibody (Center) Blocking Peptide - References

Costantini, J.L., et al. Blood 114(21):4703-4712(2009)Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)