

## SNTB2 Antibody (Center) Blocking Peptide

Synthetic peptide Catalog # BP16247c

## **Specification**

# **SNTB2 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession

013425

# 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



## **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 member of 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)