

SNTB2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16247C**Specification**

SNTB2 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q13425
Other Accession	NP_006741.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	57950
Antigen Region	217-245

SNTB2 Antibody (Center) - 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

Target/Specificity

This SNTB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 217-245 amino acids from the Central region of human SNTB2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SNTB2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SNTB2 Antibody (Center) - 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

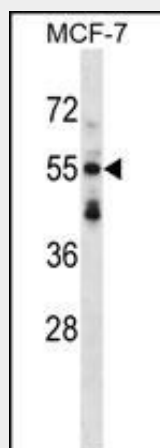
Ubiquitous. Isoform 1 is the predominant isoform. Weak level of isoform 2 is present in all tested tissues, except in liver and heart where it is highly expressed

SNTB2 Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SNTB2 Antibody (Center) - Images



SNTB2 Antibody (Center) (Cat. #AP16247c) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the SNTB2 antibody detected the SNTB2 protein (arrow).

SNTB2 Antibody (Center) - Background

Dystrophin is a large, rod-like cytoskeletal protein found at the inner surface of muscle fibers. Dystrophin is missing in Duchenne Muscular Dystrophy patients and is present in reduced

amounts in Becker Muscular Dystrophy patients. The protein encoded by this gene is a peripheral membrane protein found associated with dystrophin and dystrophin-related proteins. This gene is a member of the syntrophin gene family, which contains at least two other structurally-related genes.

SNTB2 Antibody (Center) - 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)
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