

SNTB1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17655c

Product Information

Application	WB, E
Primary Accession	Q13884
Other Accession	Q99L88 , NP_066301.1
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36711
Calculated MW	58061
Antigen Region	243-271

Additional Information

Gene ID	6641
Other Names	Beta-1-syntrophin, 59 kDa dystrophin-associated protein A1 basic component 1, DAPA1B, BSYN2, Syntrophin-2, Tax interaction protein 43, TIP-43, SNTB1, SNT2B1
Target/Specificity	This SNTB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 243-271 amino acids from the Central region of human SNTB1.
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	SNTB1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SNTB1
Synonyms	SNT2B1

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.
Cellular Location	Cell membrane, sarcolemma; Peripheral membrane protein; Cytoplasmic side. Cell junction. Cytoplasm, cytoskeleton. Note=In skeletal muscle, it localizes at the cytoplasmic side of the sarcolemmal membrane and at neuromuscular junctions
Tissue Location	Ubiquitous..

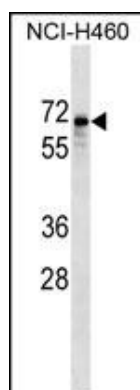
Background

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.

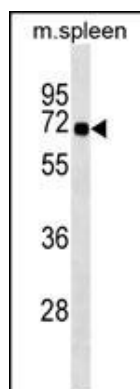
References

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Images



SNTB1 Antibody (Center) (Cat. #AP17655c) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the SNTB1 antibody detected the SNTB1 protein (arrow).



SNTB1 Antibody (Center) (Cat. #AP17655c) western blot analysis in mouse spleen tissue lysates (35ug/lane). This demonstrates the SNTB1 antibody detected the SNTB1 protein (arrow).