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Syntrophin-2 Rabbit pAb

Catalog # AP98217

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q13884
Other Accession	Q13884
Reactivity	Mouse
Predicted	Rat, Human, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	58061
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Syntrophin-2
Epitope Specificity	51-150/538
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the syntrophin family.Contains 1 PDZ (DHR) domain. Contains 2 PH domains. Contains 1 SU (syntrophin unique) domain.
SUBUNIT	Monomer and homodimer (Probable). Interacts with the other members of the syntrophin family SNTA1 and SNTB2; with the sodium channel proteins SCN4A and SCN5A. Interacts with the viral HTLV-1 TAX protein and with dystrophin protein DMD and related proteins DTNA and UTRN.
Post-translational modifications	Phosphorylated by CaM-kinase II.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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. [provided by RefSeq, Jul 2008].

Additional Information

Gene ID	6641
Other Names	59-DAP; A1B; BSYN2; DAPA1B; SNT2; SNT2B1; TIP-43; SNTB1_HUMAN; SNTB1; 59 kDa dystrophin-associated protein A1 basic component 1 (DAPA1B); Syntrophin-2; Tax interaction protein 43 (TIP-43); syntrophin beta 1; syntrophin, beta 1 (dystrophin-associated protein A1, 59kDa, basic component 1); tax interaction protein 43
	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500

Dilution	
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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..

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