



SNTA1, Syntrophin alpha 1 polyclonal antibody

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Box 1 | Basic Info

Cat. No.	ABP-PAB-01143
Animal ID	RC40104
Host	Chicken
Reactivity	Human
Format	Purified
Accession number	NM_003098
Amount	100 µg

Alternative Name(s):

dystrophin-associated protein A1, 59kDa acidic alpha 1 syntrophin, SNT1, TACIP1, dJ1187J4.5, pro-TGF-alpha cytoplasmic domain-interacting protein 1,

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. Syntrophin alpha 1 (SNTA1) is a 58 kDa protein and a member of the syntrophin gene family, which contains at least two other structurally-related genes.

Buffers

Purified chicken polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.

Immunogen

Partial protein comprised of amino acids 312 - 424 of the human syntrophin alpha 1 (SNTA1) protein.

Application

Tested by peptide-specific ELISA (1:1,000).

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage, store at -20°C. Avoid repeated freeze-thaw cycles.

References:

1. Castello A, Brocheriou V, Chafey P, Kahn A, Gilgenkrantz H: Characterization of the dystrophin-syntrophin interaction using the two-hybrid system in yeast. FEBS Lett. 383(1-2): 124-128 (1996).
2. Ahn AH, Freener CA, Gussoni E, Yoshida M, Ozawa E, Kunkel LM: The three human syntrophin genes are expressed in diverse tissues, have distinct chromosomal locations, and each bind to dystrophin and its relatives. J. Biol. Chem. 271(5): 2724-2730 (1996).