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**Research Use Only. Not for diagnostic or therapeutic use.**

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB06180 - Goat Anti-Syntrophin (alpha 1) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** acidic alpha 1 syntrophin, LQT12, syntrophin, alpha 1 (dystrophin-associated protein A1, 59kD, acidic component), dystrophin-associated protein A1, 59kD, acidic component, pro-TGF-alpha cytoplasmic domain-interacting protein 1, dJ1187J4.5, TACIP1, SNT1, syntrophin, alpha 1 (dystrophin-associated protein A1, 59kDa, acidic component), SNTA1

**Official Symbol:** SNTA1

**Accession Number(s):** NP\_003089.1

**Human GeneID(s):** [6640](#)

**Non-Human GeneID(s):** 20648 (mouse)

### Immunogen

Peptide with sequence ASGRRAPRTGLLE-C, from the N Terminus of the protein sequence according to NP\_003089.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx 60kDa band observed in Human and Mouse Muscle lysates and in rodent Heart lysates (calculated MW of 53.9kDa according to Human NP\_003089.1).

Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human, Mouse, Rat

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



EB06180 (0.01 $\mu$ g/ml) staining of Human Muscle lysate (35 $\mu$ g protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.