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Research Use Only. Not for diagnostic or therapeutic use.

EB09510 - Goat Anti-RAPSN / Rapsyn Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: RAPSN, receptor-associated protein of the synapse, CMS1D, CMS1E, MGC3597, RNF205, 43 kD receptor-associated protein of the synapse, 43 kda postsynaptic protein, acetylcholine receptor-associated 43 kda protein, rapsyn,

receptor-associated protein of the synapse, 43kD

Official Symbol: RAPSN

Accession Number(s): NP_005046.2; NP_116034.2

Human GeneID(s): 5913

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_005046.2; NP_116034.2).

Immunogen

Peptide with sequence YQSNQTEKALQVWTK-C, from the N Terminus of the protein sequence according to NP_005046.2; NP_116034.2.

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 1:128000.

Western blot: Approx 38kDa band observed in Human Skeletal Muscle lysates (calculated MW of 39.9kDa according to NP_116034.2). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat



EB09510 (0.5μg/ml) staining of Human Skeletal Muscle lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.