

Goat anti-RAPSN / Rapsyn Antibody

Item Number	dAP-1857
Target Molecule	Principle Name: RAPSN / Rapsyn; Official Symbol: RAPSN; All Names and Symbols: 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 s; Accession Number (s): NP_005046.2; NP_116034.2; Human Gene ID (s): 5913; Non-Human GeneID(s):
Immunogen	YQSNQTEKALQVWTK, is from N Terminus This antibody is expected to recognize both reported isoforms (NP_005046.2; NP_116034.2).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	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.
IHC	
Reference	Reference(s): Banwell BL, Ohno K, Sieb JP, Engel AG, Novel truncating RAPSN mutations causing congenital myasthenic syndrome responsive to 3,4-diaminopyridine. Neuromuscular disorders : NMD 2004 Mar 14 (3): 202-7..PMID: 15036330->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**