

Goat anti-Synaptotagmin-9 Antibody

Item Number	dAP-2675
Target Molecule	Principle Name: Synaptotagmin-9; Official Symbol: SYT9; All Names and Symbols: SYT9; synaptotagmin IX; synaptotagmin 9; sytIX; Accession Number (s): NP_783860.1; Human Gene ID(s): 143425; Non-Human GeneID(s): 60510 (mouse) 60564 (rat)
Immunogen	EHDSCQDFIYHLRD, is from N Terminus
Applications	Pep ELISA, WB Species Tested: Mouse
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 64000.
Western Blot	Western Blot: Approx 50kDa band observed in Mouse Liver, Pancreas and Thymus lysates (calculated MW of 56.3kDa according to NP_068689.2). Recommended concentration: 0.5-2µg/ml.
IHC	
Reference	Reference(s): Boal F, Laguerre M, Milochau A, Lang J, Scotti PA. A charged prominence in the linker domain of the cysteine-string protein Cspα mediates its regulated interaction with the calcium sensor synaptotagmin 9 during exocytosis. FASEB J. 2011 Jan;25(1):132-43..PMID: 20847230->

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**