

## Goat anti-Synaptogyrin 2 / Cellugyrin Antibody

Item Number	dAP-0632
Target Molecule	Principle Name: Synaptogyrin 2 / Cellugyrin; Official Symbol: SYNGR2; All Names and Symbols: SYNGR2; cellugyrin;synaptogyrin 2; MGC102914; Accession Number (s): NP_004701.1; NP_001307452.1; Human Gene ID(s): 9144; Non-Human GenID(s):
Immunogen	CIYGEGYSNAHESKQ, is from internal region This antibody is expected to recognize both reported antibodies (NP_004701.1; NP_001307452.1).
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 32000.
Western Blot	Western Blot: Approx 25kDa band observed in Human Lung and Skeletal Muscle lysates (calculated MW of 24.8kDa according to NP_004701.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Lazzell DR, Belizaire R, Thakur P, Sherry DM, Janz R. SV2B regulates synaptotagmin 1 by direct interaction. <i>J Biol Chem.</i> 2004 Dec 10;279(52):52124-31. Epub 2004 Dec 10. PMID: 15466855 ->

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 end users! This product is sold for **Research Use Only**