

Goat anti-Synaptogyrin 2 / Cellugyrin Antibody

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| 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 GeneID(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. J Biol Chem. 2004 Dec 10;279(50):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 ender users! This product is sold for **Research Use Only**