



Goat anti-SV2A Antibody

Item Number	dAP-0905
Target Molecule	Principle Name: SV2A; Official Symbol: SV2A; All Names and Symbols: SV2A; synaptic vesicle glycoprotein 2A; KIAA0736; SV2 ; synaptic vesicle glycoprotein 2; Accession Number (s): NP_055664.3; Human Gene ID(s): 9900; Non-Human GeneID(s): 64051 (mouse) 117559 (rat)
Immunogen	TVELYPSDKRTTA, is from internal region
Applications	Pep ELISA, WB Species Tested: Rat
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 80kDa band observed in rat brain lysates (calculated MW of 82.6kDa according to NP_476558.1 (rat)). Recommended concentration: 0.3-1µg/ml. An additional band of unknown identity was also consistently observed at 28kDa. This band was
IHC	
Reference	Reference(s): Dong M, Yeh F, Tepp WH, Dean C, Johnson EA, Janz R, Chapman ER. SV2 is the protein receptor for botulinum neurotoxin A. Science. 2006 Apr 28;312(5773):592-6. Epub 2006 Mar 16. .PMID: 16543415 ->

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**