

Goat anti-VGLUT2 (aa521-534) Antibody

Item Number	dAP-2930
Target Molecule	Principle Name: VGLUT2 (aa521-534); Official Symbol: SLC17A6; All Names and Symbols: SLC17A6; solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 6; DNPI; VGLUT2; differentiation-associated BNPI; differentiation-associated Na(+)-dependent inorganic phosphate cotransporter; differentiation-associated Na-de; Accession Number (s): NP_065079.1; Human Gene ID(s): 57084; Non-Human GeneID(s): 140919 (mouse) 84487 (rat)
Immunogen	EDELDEETGDITQN, is from internal region
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 2000.
Western Blot	Western Blot: Approx 60kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 64.4kDa according to NP_065079.1. Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 37kDa. This b
IHC	
Reference	Reference(s): Hrabovszky E, Molnár CS, Nagy R, Vida B, Borsay BÁ, Rácz K, Herczeg L, Watanabe M, Kalló I, Liposits Z. Glutamatergic and GABAergic innervation of human gonadotropin-releasing hormone-1 neurons. Endocrinology 2012 Jun 153 (6): 2766-76..PMID: 22510271->

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**