

Goat anti-SLC6A4 (aa605-618) Antibody

Item Number	dAP-2577
Target Molecule	Principle Name: SLC6A4 (aa605-618); Official Symbol: SLC6A4; All Names and Symbols: SLC6A4; solute carrier family 6 (neurotransmitter transporter, serotonin), member 4; 5-HTT; 5-HTTLPR; 5HTT; HTT; OCD1; SERT; hSERT; 5-hydroxytryptamine transporter; 5HT transporter; Na ⁺ /Cl ⁻ dependent serotonin transporter; OTTHUMP00000163632; OTTHUMP00000; Accession Number (s): NP_001036.1; Human Gene ID(s): 6532; Non-Human GeneID(s): 15567 (mouse) 25553 (rat)
Immunogen	KERIISITPETPT, is from C 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 32000.
Western Blot	Western Blot: Approx 75kDa band observed in Mouse Small Intestine lysates (calculated MW of 70.3kDa according to Human NP_001036.1 and 70.0kDa according to Mouse NP_034614.2). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.
IHC	
Reference	Reference(s): Mitchell C, Notterman D, Brooks-Gunn J, Hobcraft J, Garfinkel I, Jaeger K, Kotenko I, McLanahan S. Role of mother's genes and environment in postpartum depression. Proc Natl Acad Sci U S A. 2011 May 17;108(20):8189-93..PMID: 21576482->

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**