

Goat anti-SLC6A4 / 5HTT / SERT Antibody

Item Number	dAP-0678
Target Molecule	Principle Name: SLC6A4 / 5HTT / SERT; Official Symbol: SLC6A4; All Names and Symbols: SLC6A4; SERT; solute carrier family 6 (neurotransmitter transporter, serotonin), member 4; HGNC:11050; 5-HTT; HTT; OCD1; hSERT; 5-hydroxytryptamine transporter; 5HT transporter; Na+/Cl- dependent serotonin transporter; serotonin transporter; sodium-depend; Accession Number (s): NP_001036.1; Human Gene ID(s): 6532; Non-Human GeneID(s):
Immunogen	LHQGERETWGK, is from internal region
Applications	Pep ELISA, WB, ICC Species Tested: Human, 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 32000.
Western Blot	Western Blot: Approx 70kDa band observed in Human Colon and Duodenum lysates (calculated MW of 70.3kDa according to NP_001036.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Voeller KK. Attention-deficit hyperactivity disorder (ADHD). J Child Neurol. 2004 Oct;19 (10):798-814. Review. .PMID: 15559895 ->

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**