

Goat anti-SLC6A12 / BGT1 Antibody

Item Number	dAP-2781
Target Molecule	Principle Name: SLC6A12 / BGT1; Official Symbol: SLC6A12; All Names and Symbols: SLC6A12; solute carrier family 6 (neurotransmitter transporter, betaine/GABA), member 12; BGT-1; BGT1; FLJ38727; GAT2; Na(+)Cl(-) betaine/GABA transporter; OTTHUMP00000115358; OTTHUMP00000237543; OTTHUMP00000237583; gamma-aminobutyric acid transporter; s; Accession Number (s): NP_003035.3; Human Gene ID(s): 6539; Non-Human GeneID(s):
Immunogen	CLDGSGAGRNFGPSPT, is from C Terminus Reported variants represent identical protein: NP_001193860.1, NP_003035.3, NP_001116319.1, NP_001116320.1.
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 128000.
Western Blot	Western Blot: Approx 70kDa band observed in Human Brain lysates from several regions (calculated MW of 69.4kDa according to NP_003035.3). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 27kDa.
IHC	
Reference	Reference(s): Pasaje CF, et al. Association of SLC6A12 variants with aspirin-intolerant asthma in a Korean population. Ann Hum Genet. 2010 Jul;74(4):326-34.. PMID: 20597903->

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**