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Research Use Only. Not for diagnostic or therapeutic use.

EB11861 - Goat Anti-SLC6A12 / BGT1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: BGT1, BGT-1, FLJ38727, gamma-aminobutyric acid transporter, GAT2, Na(+)/Cl(-) betaine/GABA transporter, OTTHUMP00000115358, OTTHUMP00000237543, OTTHUMP00000237583, SLC6A12, sodium- and chloride-dependent betaine transporter, solute carrier family 6 (neurotransmitter

transporter, betaine/GABA), member 12

Official Symbol: SLC6A12

Accession Number(s): NP_003035.3

Human GenelD(s): 6539

Important Comments: Reported variants represent identical protein: NP_001193860.1,

NP_003035.3, NP_001116319.1, NP_001116320.1.

Immunogen

Peptide with sequence CLDGSAGRNFGPSPT, from the C Terminus of the protein sequence according to NP_003035.3.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

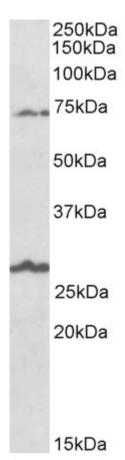
Western blot: Approx 70kDa band observed in Human Brain lysates from several regions (calculated MW of 69.4kDa according to NP_003035.3). Recommended concentration: 1-3μg/ml. An additional band of unknown identity was also consistently observed at 27kDa. This band was successfully blocked by incubation with the immunizing peptide. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Liver. Recommended concentration: 10µg/ml.

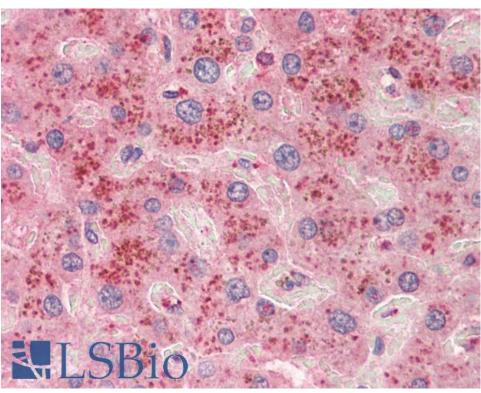
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB11861 ($1\mu g/ml$) staining of Human Olfactory bulb lysate ($35\mu g$ protein in RIPA buffer). Detected by chemiluminescence.



EB11861 (10μg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.