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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06743 - Goat Anti-SLC6A4 / 5HTT / SERT Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: OTTHUMP00000163633, 5-HTTLPR, solute carrier family 6 member 4, sodium-dependent serotonin transporter, serotonin transporter, Na⁺/Cl⁻ dependent serotonin transporter, 5HT transporter, 5-hydroxytryptamine transporter, hSERT, OCD1, HTT, 5-HTT, HGNC:11050, solute carrier family 6 (neurotransmitter transporter, serotonin), member 4, SERT, SLC6A4

Official Symbol: SLC6A4

Accession Number(s): NP_001036.1

Human GeneID(s): [6532](#)

Immunogen

Peptide with sequence C-LHQGERETWGK, from the internal region of the protein sequence according to NP_001036.1.

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

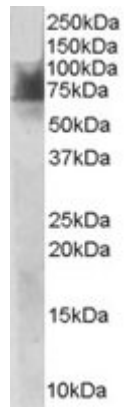
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 70-75kDa bands observed in Human Duodenum lysates (calculated MW of 70.3kDa according to NP_001036.1). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat



EB06743 staining (1 μ g/ml) of Human Duodenum lysate (RIPA buffer, 30 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.