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**Research Use Only. Not for
diagnostic or therapeutic use.**

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

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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-dependent serotonin transporter, solute carrier family 6 member 4, 5-HTTLPR, OTTHUMP00000163633

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 70kDa band observed in Human Colon and Duodenum lysates (calculated MW of 70.3kDa according to NP_001036.1). Recommended concentration: 1-3µg/ml.

Immunocytochemistry: A customer used this antibody successfully in ICC on PC12 when used at 5ug/ml o/n at 4C.

Species Reactivity

Tested: Human, Rat

Expected from sequence similarity: Human, Mouse, Rat



EB06743 (2 μ g/ml) staining of Human Colon lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.