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Research Use Only. Not for diagnostic or therapeutic use.

EB11315 - Goat Anti-SLC6A4 (aa605-618) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: 5HT transporter, 5HTT, 5-HTT, 5-HTTLPR, 5-hydroxytryptamine transporter, hSERT, HTT, Na+/Cl- dependent serotonin transporter, OCD1,

OTTHUMP00000163632, OTTHUMP00000163633, SERT, sodium-dependent serotonin transporter, solute carrier family 6 (neurotransmitter transporter, serotonin), member 4,

solute carrier family 6 member 4, SLC6A4

Official Symbol: SLC6A4

Accession Number(s): NP_001036.1

Human GenelD(s): 6532

Non-Human GenelD(s): 15567 (mouse), 25553 (rat)

Immunogen

Peptide with sequence C-KERIIKSITPETPT, from the C Terminus 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.

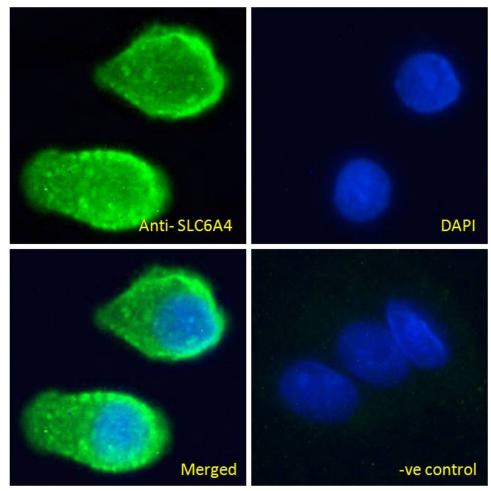
Immunofluorescence: Strong expression of the protein seen in the Golgi apparatus/vesicles of HepG2 cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of Jurkat cells. Recommended concentration: 10ug/ml.

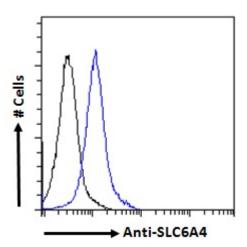
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Cow



EB11315 Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing Golgi apparatus/vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB11315 Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml). IgG control:

Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.