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Research Use Only. Not for diagnostic or therapeutic use.

EB09685 - Goat Anti-SLCO1B3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SLCO1B3, solute carrier organic anion transporter family, member 1B3, LST-3TM13, LST3, OATP1B3, OATP8, SLC21A8, liver-specific organic anion transporter 3TM13, organic anion transporter LST-3c, solute carrier family 21 (organic anion transporter), member 8 Official Symbol: SLCO1B3 Accession Number(s): NP_062818.1; NP_001336849.1 Human GeneID(s): <u>28234</u> Non-Human GeneID(s): 28253 (mouse)

Immunogen

Peptide with sequence C-NGTSPEIVEKD, from the internal region of the protein sequence according to NP_062818.1; NP_001336849.1.

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 1:128000.

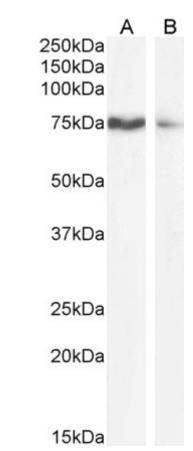
Western blot: Approx 75kDa band observed in lysates of cell line HEK293 and A431 (calculated MW of 74.2kDa according to NP_001336849.1 and 77.4kDa according to NP_062818.1). Recommended concentration: 0.5-1µg/ml. Primary incubation 1 hour at room temperature.

Immunofluorescence: Strong expression of the protein seen in the membranes of A431 cells. Recommended concentration: 10µg/ml.

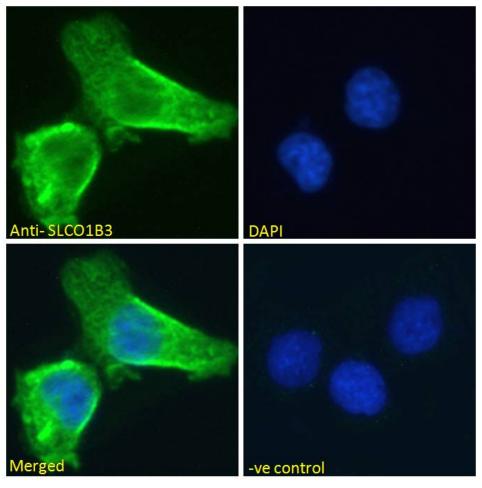
Flow Cytometry: Flow cytometric analysis of HepG2 cells. Recommended concentration: 10ug/ml.

Species Reactivity

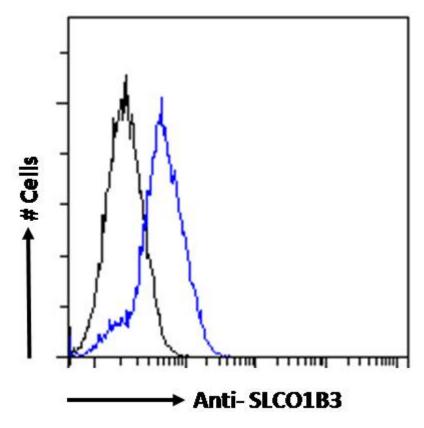
Tested: Human Expected from sequence similarity: Human, Mouse, Dog



EB09685 (1µg/ml) staining of HEK293 (A) and A431 (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB09685 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB09685 Flow cytometric analysis of paraformaldehyde fixed HepG2 cells (blue line), permeabilized with 0.5% Triton. Primary incubation overnight (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.