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EB09191 - Goat Anti-SLC47A1 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: SLC47A1, solute carrier family 47, member 1, FLJ10847, MATE1, MGC64822, multidrug and toxin extrusion 1
Official Symbol: SLC47A1
Accession Number(s): NP_060712.2
Human GeneID(s): 55244

Immunogen

Peptide with sequence C-PEHPQDGAKLSRKQ, from the internal region (near C Terminus) of the protein sequence according to NP_060712.2.

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.

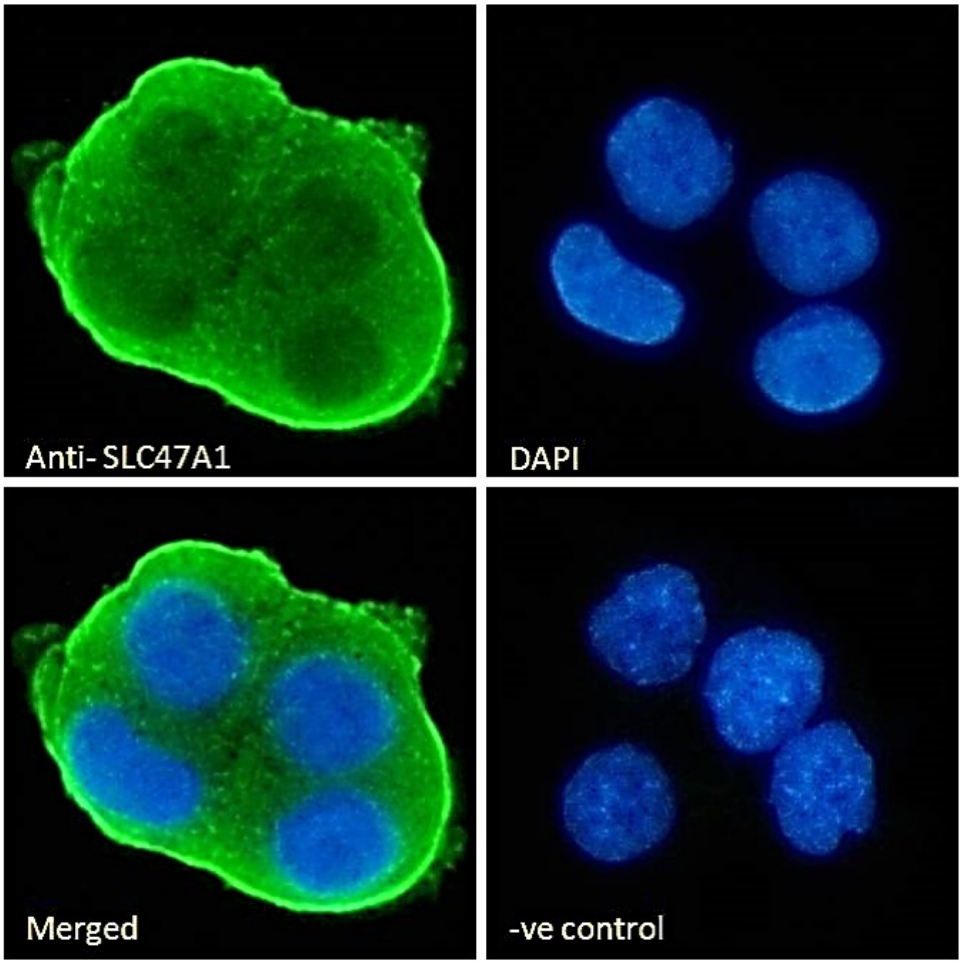
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.
Western blot: Approx. 60-65kDa band observed in Human Liver lysates (calculated MW of 61.9kDa according to NP_060712.2).This band was successfully blocked by incubation with the immunizing peptide. Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour at room temperature.

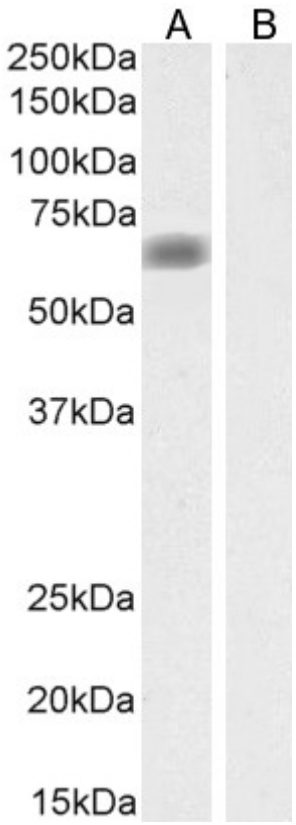
Immunofluorescence: Strong expression of the protein seen in the plasma membrane of HepG2 cells. Recommened concentration: 10µg/ml.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human



EB09191 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 membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB09191 (0.1µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.