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EB12064 - Goat Anti-SLC7A6 / y+LAT-2 (C Terminus) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SLC7A6, solute carrier family 7 (amino acid transporter light chain, y+L system), member 6, LAT-2, LAT3, y+LAT-2, Y+L amino acid transporter 2, amino acid permease, cationic amino acid transporter, y+ system, solute carrier family 7 (cationic amino acid transporter, y+ system), member 6, solute carrier family 7 member 6, y(+)L-type amino acid transporter 2, y+LAT2

Official Symbol: SLC7A6

Accession Number(s): NP_003974.3

Human GeneID(s): 9057

Important Comments: Reported variants represent identical protein: NP_003974.3,

NP_001070253.1

Immunogen

Peptide with sequence C-ELDVAEEKKDERKTD, from the C Terminus of the protein sequence according to NP_003974.3.

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 58-60kDa band observed in Human Heart lysates (calculated MW of 56.8kDa according to NP_003974.3. Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Brain (Cerebellum). Recommended concentration: 5µg/ml.

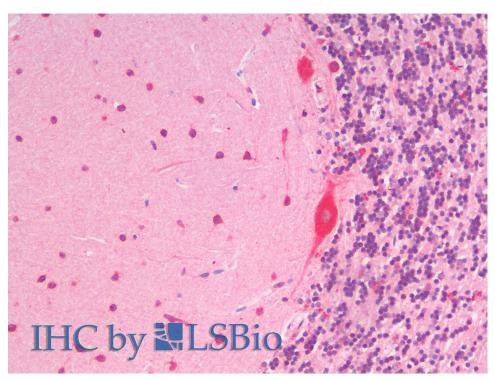
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB12064 (0.3μg/ml) staining of Human Heart lysate (35μg protein in RIPA buffer). Detected by chemiluminescence



EB12064 ($5\mu g/ml$) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.