



International Office

Everest Biotech Ltd

Vector Laboratories, Inc.
6737 Mowry Ave
Newark, CA 94560
United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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

EB12063 - Goat Anti-SLC7A6 / y+LAT-2 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 PNTSQSQVEEDVSSP-C, from the N 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 1:128000.

Western blot: Approx 55-58kDa band observed in Human Placenta 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.

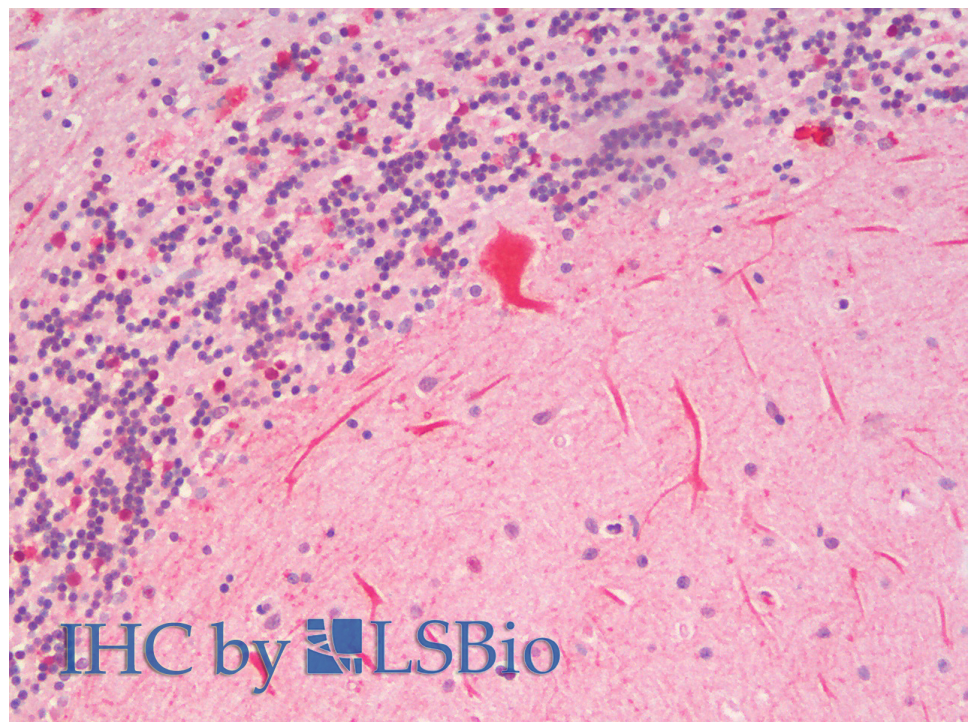
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB12063 (1µg/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer). Detected by chemiluminescence



EB12063 (5µg/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.