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# 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

y(1)L type armino acid transporter 2, y i

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.

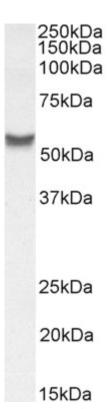
**Western blot:** Approx 55-58kDa band observed in Human Placenta lysates (calculated MW of 56.8kDa according to NP\_003974.3. Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

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

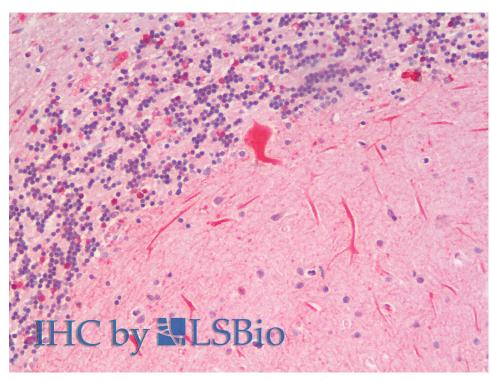
# **Species Reactivity**

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.