



## International Office

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

## 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-ELDVAAEEKKDERKTD, 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.

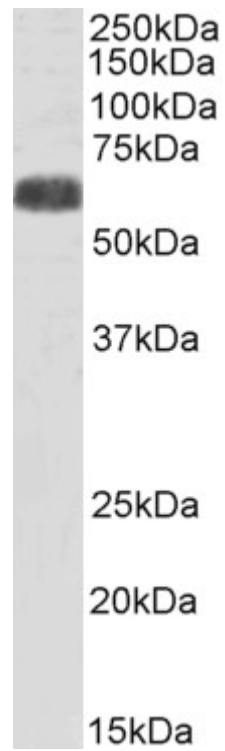
**Western blot:** Approx 58-60kDa band observed in Human Heart lysates (calculated MW of 56.8kDa according to NP\_003974.3. Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

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

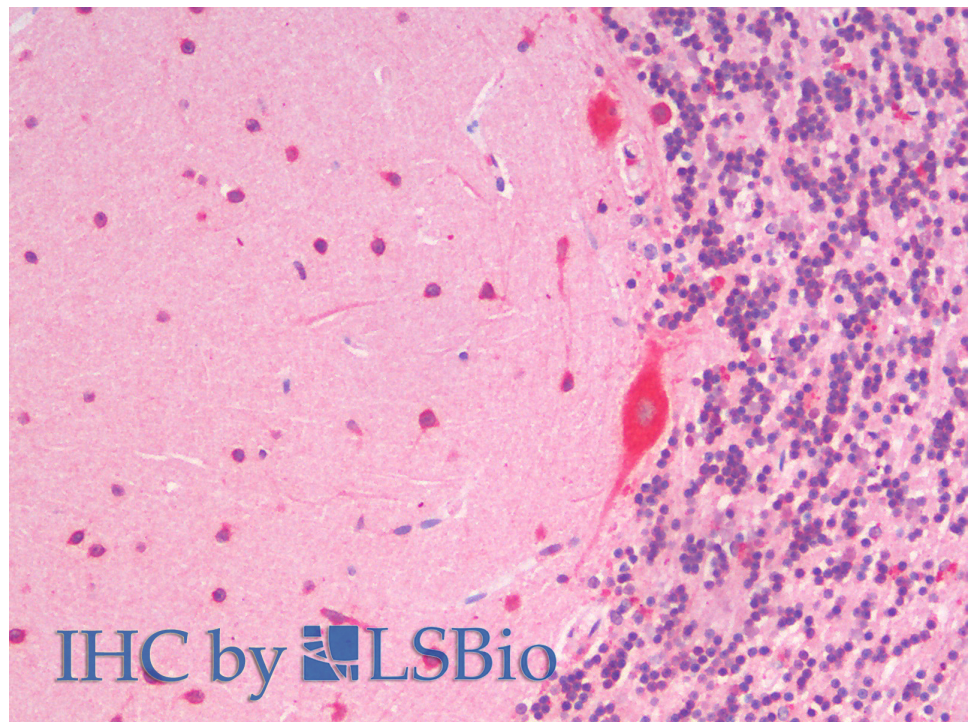
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB12064 (0.3 $\mu$ g/ml) staining of Human Heart lysate (35 $\mu$ g 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.