

A2833

Leader in Biomolecular Solutions for Life Science



LAT1/SLC7A5 Rabbit pAb

Catalog No.: A2833 **2 Publications**

Basic Information

Observed MW

50 kDa

Calculated MW

55kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

Enables L-leucine transmembrane transporter activity; L-tryptophan transmembrane transporter activity; and thyroid hormone transmembrane transporter activity. Involved in carboxylic acid transport; thyroid hormone transport; and xenobiotic transport. Located in cytosol; intracellular membrane-bounded organelle; and plasma membrane. Is integral component of membrane. Part of amino acid transport complex; apical plasma membrane; and microvillus membrane.

Recommended Dilutions

WB 1:500 - 1:5000

IF/ICC 1:100 - 1:500

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

8140

Swiss Prot

Q01650

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

E16; CD98; LAT1; 4F2LC; MPE16; D16S469E; LAT1/SLC7A5

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

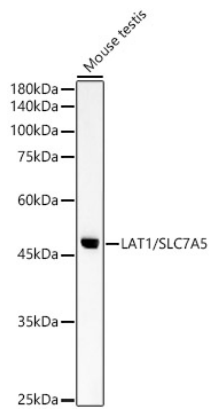
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

Validation Data



Western blot analysis of lysates from Mouse testis, using LAT1/SLC7A5 Rabbit pAb (A2833) at 1:900 dilution.

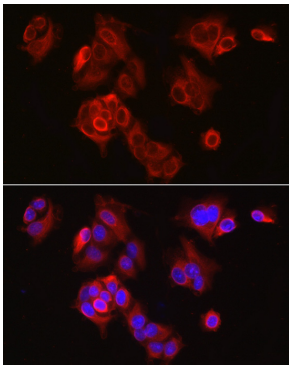
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.



Immunofluorescence analysis of MCF7 cells using LAT1/SLC7A5 Rabbit pAb (A2833) at dilution of 1:300 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.