

A14784

Leader in Biomolecular Solutions for Life Science



SLC7A1 Rabbit pAb

Catalog No.: A14784

2 Publications

Basic Information

Observed MW

68kDa

Calculated MW

68kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

Enables L-arginine transmembrane transporter activity and L-histidine transmembrane transporter activity. Involved in amino acid transport. Located in membrane. Part of apical plasma membrane; basolateral plasma membrane; and protein-containing complex.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

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

Immunogen Information

Gene ID

6541

Swiss Prot

P30825

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 530-629 of human SLC7A1 (NP_003036.1).

Synonyms

ERR; ATRC1; CAT-1; HCAT1; REC1L; SLC7A1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

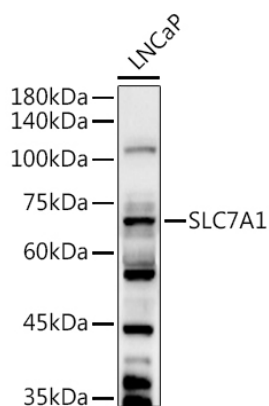
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from LNCaP cells, using SLC7A1 Rabbit pAb (A14784) at 1:1000 dilution.

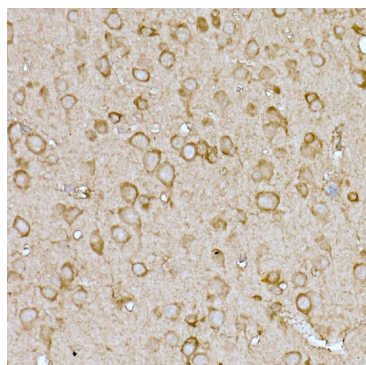
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

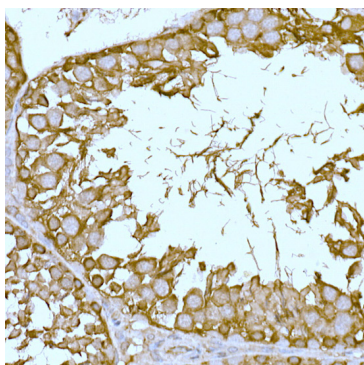
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using SLC7A1 Rabbit pAb (A14784) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat testis using SLC7A1 Rabbit pAb (A14784) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.