SLC3A1 Rabbit pAb

Catalog No.: A5500 1 Publications



Basic Information

Observed MW

79kDa

Calculated MW

79kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a type II membrane glycoprotein which is one of the components of the renal amino acid transporter which transports neutral and basic amino acids in the renal tubule and intestinal tract. Mutations and deletions in this gene are associated with cystinuria. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 μ g/mL.

Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene IDSwiss Prot
6519
Q07837

Immunogen

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

Synonyms

D2H; ATR1; NBAT; RBAT; CSNU1; SLC3A1

Contact

<u>a</u>		400-999-6126
\bowtie		cn.market@abclonal.com.cn
\odot	Ī	www.abclonal.com.cn

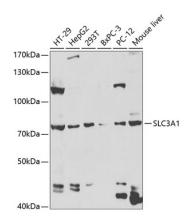
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

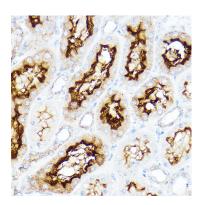


Western blot analysis of various lysates using SLC3A1 Rabbit pAb (A5500) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: $25\mu g$ per lane.

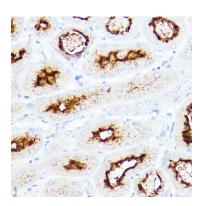
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Immunohistochemistry analysis of paraffinembedded Rat kidney using SLC3A1 Rabbit pAb (A5500) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse kidney using SLC3A1 Rabbit pAb (A5500) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.