A20717

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SLC38A1 Rabbit pAb

Catalog No.: A20717 1 Publications

Basic Information

Observed MW
50-70kDa

Calculated MW
54kDa

Category
Polyclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human,Rat

Background

Amino acid transporters play essential roles in the uptake of nutrients, production of energy, chemical metabolism, detoxification, and neurotransmitter cycling. SLC38A1 is an important transporter of glutamine, an intermediate in the detoxification of ammonia and the production of urea. Glutamine serves as a precursor for the synaptic transmitter, glutamate (Gu et al., 2001 [PubMed 11325958]).

Recommended Dilutions

WB	1:500 - 1:1000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
81539

Swiss Prot
Q9H2H9

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

Synonyms
ATA1; NAT2; SAT1; SNAT1; SLC38A1

Contact

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Product Information

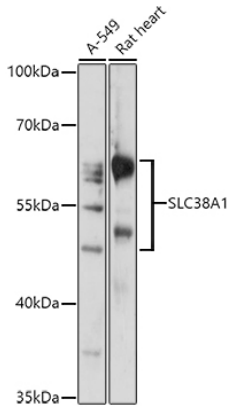
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of various lysates using SLC38A1 Rabbit pAb (A20717) 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 Enhanced Kit (RM00021).
Exposure time: 60s.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit https://abclonal.com for a complete listing of recommended products.