

Rabbit anti-Human SLC38A1 Polyclonal Antibody | anti-SLC38A1 antibody

Anti-SLC38A1 Antibody, Rabbit Polyclonal

CATALOG # AAA256977	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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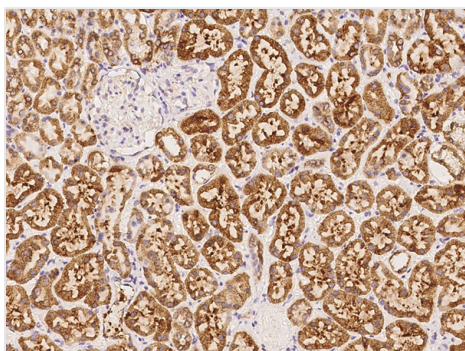
PRODUCT SYNONYMS

SLC38A1; Polyclonal Antibody; Anti-SLC38A1 Antibody; Rabbit Polyclonal; SLC38A1 Antibody; Rabbit PAb; Antigen Affinity Purified; solute carrier family 38; member 1; Anti-ATA1 Antibody; Anti-NAT2 Antibody; Anti-SAT1 Antibody; Anti-SNAT1 Antibody; anti-SLC38A1 antibody

PRODUCT SPECIFICATIONS

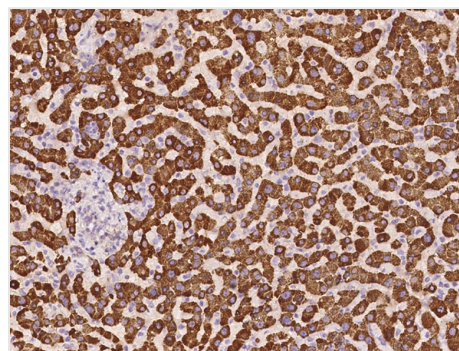
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SLC38A1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SLC38A1 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human SLC38A1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human SLC38A1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human SLC38A1 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human SLC38A1 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC38A1 antibody	SLC38A1 (Solute Carrier Family 38 Member 1) is a Protein Coding gene. The SLC38A1 gene, located on 12q13.11, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, and frog. 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. SLC38A1 is widely expressed in the lymph node, thyroid, and other tissues. Diseases associated with SLC38A1 include Klatskin's Tumor. SLC38A1 is associated with the occurrence and progression of solid tumors. Further, glutamine transporter SLC38A1 might serve as a potential target for the development of novel therapeutic drugs in the treatment of acute myeloid leukemia (AML).
References	Qureshi T, et al. (2020) Slc38a1 conveys astroglia-derived glutamine into gabaergic interneurons for neurotransmitter gaba synthesis. Cells 9 (7): 1686.Qureshi T, et al. (2019) The glutamine transporter slc38a1 regulates gabaergic neurotransmission and synaptic plasticity. Cereb Cortex 29 (12): 5166-5179.Li Y, et al. (2019) High expression of slc38a1 predicts poor prognosis in patients with de novo acute myeloid leukemia. J Cell Physiol 234 (11): 20322-20328.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/slc38a1-antibody-immunohistochemistry-elisa/256977>