

Rabbit anti-Human SLC31A2 Polyclonal Antibody | anti-SLC31A2 antibody

Anti-SLC31A2 Antibody, Rabbit Polyclonal

CATALOG # AAA256000	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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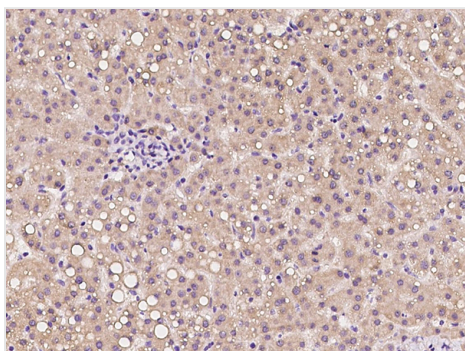
PRODUCT SYNONYMS

SLC31A2; Polyclonal Antibody; Anti-SLC31A2 Antibody; Rabbit Polyclonal; SLC31A2 Antibody; Rabbit PAb; Antigen Affinity Purified; solute carrier family 31 (copper transporter); member 2; Anti-COPT2 Antibody; Anti-CTR2 Antibody; Anti-hCTR2 Antibody; anti-SLC31A2 antibody

PRODUCT SPECIFICATIONS

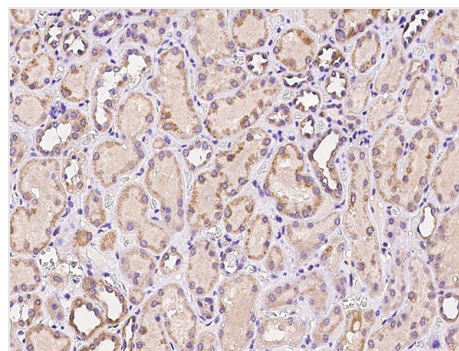
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SLC31A2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SLC31A2 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human SLC31A2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human SLC31A2 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 SLC31A2 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human SLC31A2 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC31A2 antibody	SLC31A2 (Solute Carrier Family 31 Member 2) is a Protein Coding gene. The SLC31A2 gene, located on 9q32, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, and frog. Copper is vital to cell function. The influx of reduced copper ions is controlled by two functionally homologous transmembrane solute carrier transporters CTR1 (encoded by SLC31A1) and CTR2 (encoded by SLC31A2). These copper transporters vary in their expression profiles and intracellular localization patterns. SLC31A1 is predominantly localized to the plasma membrane, whereas SLC31A2 is mainly found in intracellular membranes of the late endosome and lysosome. Diseases associated with SLC31A2 include Cone-Rod Dystrophy 2 and Noonan Syndrome 3. Among its related pathways are Copper homeostasis.
References	Wee NK, et al. (2013) The mammalian copper transporters ctr1 and ctr2 and their roles in development and disease. Int J Biochem Cell Biol 45 (5): 960-963.Schweigel-Rontgen M (2014) The families of zinc (slc30 and slc39) and copper (slc31) transporters. Curr Top Membr 73 321-355.

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/slc31a2-antibody-immunohistochemistry-elisa/256000>