

Rabbit SLC31A1 / CTR1 Polyclonal Antibody | anti-SLC31A1 antibody

Rabbit Polyclonal to Human SLC31A1 / CTR1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52140	Rabbit	Gibbon, Dog, Gorilla, Human, Monkey, Orangutan, Rabbit Predicted Reactivity: Mouse, Rat, Bovine, Hamster, Horse, Pig, Chicken (at least 90% immunogen sequence identity)	Immunohistochemistry

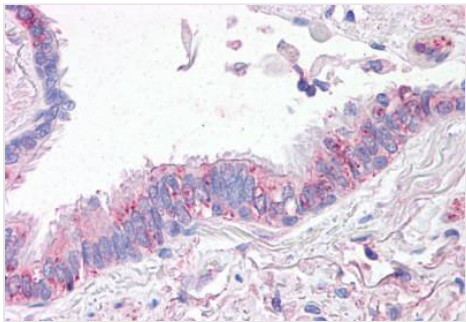
PRODUCT SYNONYMS

SLC31A1 / CTR1; Polyclonal Antibody; Rabbit Polyclonal to Human SLC31A1 / CTR1; Anti-SLC31A1 / CTR1 Antibody (Internal) IHC-plus; SLC31A1; COPT1; CTR1; Copper transport 1 homolog; Copper transporter 1; HCTR1; Human SLC31A1; anti-SLC31A1 antibody

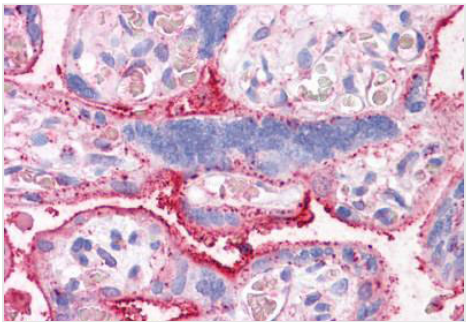
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Dog, Gorilla, Human, Monkey, Orangutan, Rabbit Predicted Reactivity: Mouse, Rat, Bovine, Hamster, Horse, Pig, Chicken (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human CTR1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	190
Applicable Applications for anti-SLC31A1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from internal region of human CTR1. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Dog, Elephant, Panda, Rabbit, Opossum, Platypus (100%).
Immunogen Type	Synthetic peptide
Immunogen	SLC31A1 / CTR1 antibody was raised against synthetic 16 amino acid peptide from internal region of human CTR1. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Dog, Elephant, Panda, Rabbit, Opossum, Platypus (100%); Mouse, Rat, Bovine, Hamster, Horse, Pig, Turkey, Chicken (94%); Xenopus (88%); Pufferfish (81%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-CTR1 antibody IHC of human lung, respiratory epithelium. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-CTR1 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SLC31A1 antibody	Family: Transporter ; Subfamily: Copper transporter-2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507015
NCBI GeneID	1317
NCBI Accession #	NP_001850.1
NCBI GenBank Nucleotide #	NM_001859.3
UniProt Accession #	O15431 ; Q53GR5 ; Q5T1M4 ; A8K8Z6
Molecular Weight	21,091 Da
NCBI Official Full Name	high affinity copper uptake protein 1
NCBI Official Synonym Full Names	solute carrier family 31 (copper transporter), member 1
NCBI Official Symbol	SLC31A1
NCBI Official Synonym Symbols	CTR1; COPT1
NCBI Protein Information	high affinity copper uptake protein 1; copper transporter 1; copper transport 1 homolog; solute carrier family 31 member 1; solute carrier family 31 (copper transporters), member 1
UniProt Protein Name	High affinity copper uptake protein 1
UniProt Gene Name	SLC31A1
UniProt Synonym Gene Names	COPT1; CTR1; hCTR1
UniProt Entry Name	COPT1_HUMAN

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.