

Datasheet for ABIN965919
anti-SLC31A2 antibody (N-Term)



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	SLC31A2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC31A2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human COPT2(copper transporter 2)
Purification:	Purified by antigen-specific affinity chromatography.

Target Details

Target:	SLC31A2
Alternative Name:	COPT2 (SLC31A2 Products)
Background:	The COPT2(copper transporter 2) is involved in low-affinity copper uptake. COPT2 is a multi-pass membrane protein and belongs to the SLC31A transporter family. The redox active metal copper is an essential cofactor in critical biological processes such as respiration, iron transport,oxidative stress protection, hormone production, and pigmentation. A widely

Target Details

conserved family of high-affinity copper transport proteins (Ctr proteins) mediates copper uptake at the plasma membrane. A series of clustered methionine residues in the hydrophilic extracellular domain, and an MXXXM motif in the second transmembrane domain, are important for copper uptake. These methionine probably coordinate copper during the process of metal transport

Application Details

Application Notes: ELISA, Western blotting: 1µg/ml for 2hrs.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: This antibody is stored in PBS, 50% glycerol

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C