

Product name:	CTR1/SLC31A1 Rabbit Monoclonal Antibody
Cat number:	MABN84671
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthesized peptide derived from human SLC31A1
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:1000-1:2000
Molecular Weight:	Calculated MW: 21 kDa ; Observed MW: 26-34 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Purified antibody in PBS with 0.05% sodium azide, 0.05% BSA and 50% glycerol.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	Uniporter that mediates the transport of copper ¹⁺ from the extracellular space to the cytoplasm, across the plasma membrane and delivers directly copper ¹⁺ to specific chaperone such as ATOX1, via a copper ¹⁺ - mediated transient interaction between the C-terminal domain and a copper ¹⁺ chaperone, thus controlling intracellular copper ¹⁺ levels.