

# SLC31A1 / CTR1 antibody

**Cat. No. GTX48534**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Application</b>	WB, ICC/IF, IHC-P, IHC-Fr, IHC
<b>Reactivity</b>	Human, Mouse, Rat, Zebrafish, Pig, Xenopus

Reference ( 4 )  
Package  
50 µl

## APPLICATION

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	1:500
IHC-P	1:250
IHC-Fr	Assay dependent
IHC	1:250

Not tested in other applications.

**Calculated MW** 21 kDa. ( [Note](#) )

## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	Tris-Citrate/Phosphate
<b>Preservative</b>	0.1% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	A synthetic peptide derived from a C-terminal sequence of human SLC31A1/CTR1 [UniProt# O15431]
<b>Purification</b>	Purified by antigen-affinity chromatography
<b>Conjugation</b>	Unconjugated



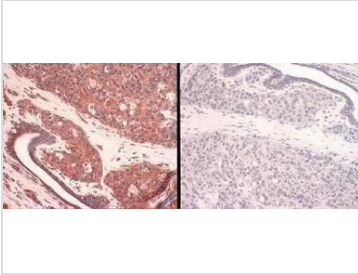
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**Note**

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#### DATA IMAGES

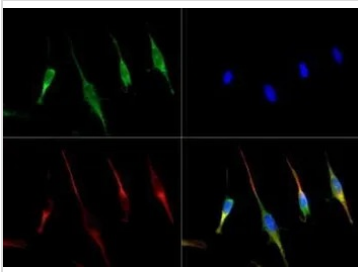


#### GTX48534 IHC-P Image

IHC-P analysis of human breast carcinoma tissue using GTX48534 SLC31A1 / CTR1 antibody.

Panel 1: human CTR1 staining of breast cancer tissue

Panel 2: human CTR1-antigen competition in breast cancer tissue



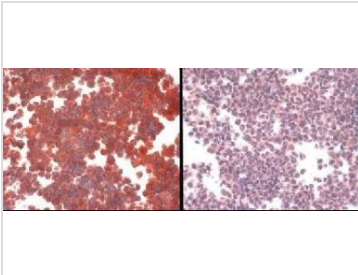
#### GTX48534 ICC/IF Image

ICC/IF analysis of NIH-3T3 cells using GTX48534 SLC31A1 / CTR1 antibody.

Green : primary antibody

Red : Tubulin

Blue : DAPI



#### GTX48534 ICC/IF Image

ICC/IF analysis of SLC31A1 / CTR1 overexpressing cells with (left) or without (right) peptide competition using GTX48534 SLC31A1 / CTR1 antibody.



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