Datasheet for ABIN6980687

**anti-SLC31A1 antibody (AA 51-150) (Alexa Fluor 680)**

**Overview**

- **Quantity:** 100 μL
- **Target:** SLC31A1
- **Binding Specificity:** AA 51-150
- **Reactivity:** Human
- **Host:** Rabbit
- **Clonality:** Polyclonal
- **Conjugate:** This SLC31A1 antibody is conjugated to Alexa Fluor 680
- **Application:** Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

**Product Details**

- **Immunogen:** KLH conjugated synthetic peptide derived from human CTR1
- **Isotype:** IgG
- **Predicted Reactivity:** Mouse,Rat,Cow,Sheep,Pig,Horse,Chicken,Rabbit
- **Purification:** Purified by Protein A.

**Target Details**

- **Target:** SLC31A1
- **Alternative Name:** CTR1 ([SLC31A1 Products](https://www.antibodies-online.com/products/SLC31A1))
- **Background:** High-affinity, saturable copper transporter involved in dietary copper uptake.
### Target Details

Subcellular location: Cell membrane

Synonyms: Copper transport 1 homolog, Copper transporter 1, COPT1, COPT1_HUMAN, CTR1, hCTR1, High affinity copper uptake protein 1, SLC31A1, solute carrier family 31 (copper transporters) member 1, Solute carrier family 31 member 1.

<table>
<thead>
<tr>
<th>Gene ID</th>
<th>1317</th>
</tr>
</thead>
<tbody>
<tr>
<td>UniProt</td>
<td>O15431</td>
</tr>
</tbody>
</table>

### Application Details

**Application Notes:**
- IF(IHC-P) 1:50-200
- IF(IHC-F) 1:50-200
- IF(ICC) 1:50-200

**Restrictions:**
For Research Use only

### Handling

**Format:** Liquid

**Concentration:** 1 μg/μL

**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

**Preservative:** ProClin

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

**Storage:** -20 °C/-80 °C

**Storage Comment:** Store at -20°C, for long storage, store at -80°C. Avoid multiple freeze-thaw cycles

**Expiry Date:** 12 months