

For Research Use Only

# SLC30A1 Recombinant antibody

Catalog Number: 82895-1-RR



## Basic Information

<b>Catalog Number:</b> 82895-1-RR	<b>GenBank Accession Number:</b> BC121015	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7779	<b>CloneNo.:</b> 230152G12
<b>Source:</b> Rabbit	<b>Full Name:</b> solute carrier family 30 (zinc transporter), member 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 507 aa, 55 kDa	
<b>Immunogen Catalog Number:</b> AG18567		

## Applications

**Tested Applications:**  
FC, ELISA

**Species Specificity:**  
Human

## Background Information

SLC30A1, also known as ZnT1, is a putative zinc transporter that can prevent cellular zinc toxicity via plasma membrane efflux. SLC30A1 is an integral membrane protein with a deduced length of 507 aa and is predicted to contain six transmembrane-spanning domains (PMID: 15378655).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

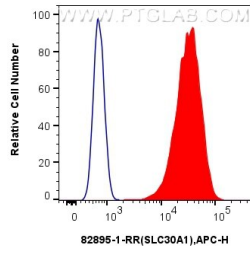
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



$1 \times 10^6$  HeLa cells were intracellularly stained with 0.13  $\mu$ g Anti-Human SLC30A1 (82895-1-RR, Clone:230152G12) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:166 (red), or 0.13  $\mu$ g Rabbit IgG control Rabbit PolyAb (30000-0-AP, Clone: ) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).