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Datasheet for ABIN1537148

anti-SLC30A10 antibody (AA 331-359)

3 Images

1 Publication

Overview

Quantity:	400 µL
Target:	SLC30A10
Binding Specificity:	AA 331-359
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC30A10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SLC30A10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 331-359 amino acids of human SLC30A10.
Clone:	RB39767
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SLC30A10
Alternative Name:	SLC30A10 (SLC30A10 Products)
Background:	Zinc functions as a cofactor for numerous enzymes, nuclear factors, and hormones and as an

Target Details

intra- and intercellular signal ion. Members of the zinc transporter (ZNT)/SLC30 subfamily of the cation diffusion facilitator family, such as SLC30A10, permit cellular efflux of zinc (Seve et al., 2004 [PubMed 15154973]).

Molecular Weight: 52684

Gene ID: 55532

NCBI Accession: [NP_061183](#)

UniProt: [Q6XR72](#)

Application Details

Application Notes: WB: 1:2000. WB: 1:2000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

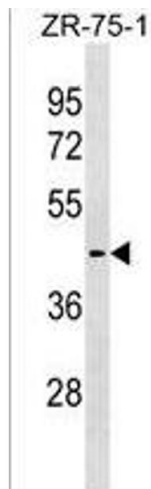
Storage: 4 °C, -20 °C

Storage Comment: SLC30A10 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months

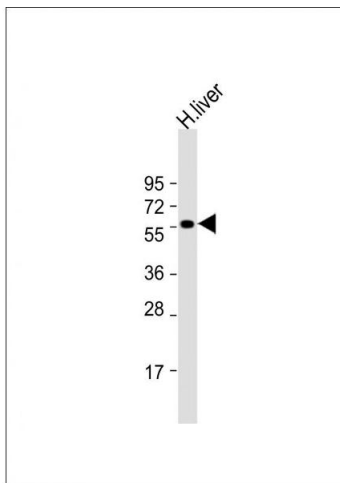
Publications

Product cited in: Zhao, Feresin, Falcon-Perez, Salazar: "Differential Targeting of SLC30A10/ZnT10 Heterodimers to Endolysosomal Compartments Modulates EGF-Induced MEK/ERK1/2 Activity." in: **Traffic (Copenhagen, Denmark)**, Vol. 17, Issue 3, pp. 267-88, (2016) ([PubMed](#)).



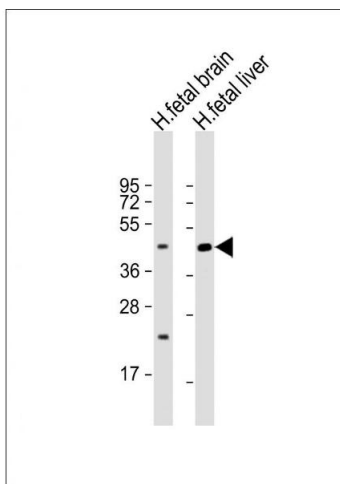
Western Blotting

Image 1. SLC30A10 Antibody (C-term) (ABIN1537148 and ABIN2838295) western blot analysis in ZR-75-1 cell line lysates (35 µg/lane). This demonstrates the SLC30A10 antibody detected the SLC30A10 protein (arrow).



Western Blotting

Image 2. Anti-SLC30A10 Antibody (C-term) at 1:2000 dilution + human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 53 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Western Blotting

Image 3. All lanes : Anti-SLC30A10 Antibody (C-term) at 1:2000 dilution Lane 1: human fetal brain lysate Lane 2: human fetal liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 53 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.