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Datasheet for ABIN7270444

## anti-SLC27A4 antibody (AA 574-643)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	SLC27A4
Binding Specificity:	AA 574-643
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC27A4 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Purpose:	SLC27A4 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 574-643 of human SLC27A4 (NP_005085.2).
Sequence:	PLYARPIFLR LLPELHKTGT YKFQKTELRK EGFDPAlVKD PLFYLDAQKG RYVPLDQEAY SRIQAGEEKL
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	SLC27A4
Alternative Name:	SLC27A4 ( <a href="#">SLC27A4 Products</a> )
Background:	<p>This gene encodes a member of a family of fatty acid transport proteins, which are involved in translocation of long-chain fatty acids cross the plasma membrane. This protein is expressed at high levels on the apical side of mature enterocytes in the small intestine, and appears to be the principal fatty acid transporter in enterocytes. Clinical studies suggest this gene as a candidate gene for the insulin resistance syndrome. Mutations in this gene have been associated with ichthyosis prematurity syndrome.,SLC27A4,ACSVL4,FATP4,IPS,Cancer,Signal Transduction,Endocrine &amp; Metabolism,Lipid Metabolism,Neuroscience,Cardiovascular,Lipids,Fatty Acids,SLC27A4</p>
Molecular Weight:	26kDa/72kDa
Gene ID:	10999
UniProt:	<a href="#">Q6P1M0</a>
Pathways:	<a href="#">Monocarboxylic Acid Catabolic Process</a>

## Application Details

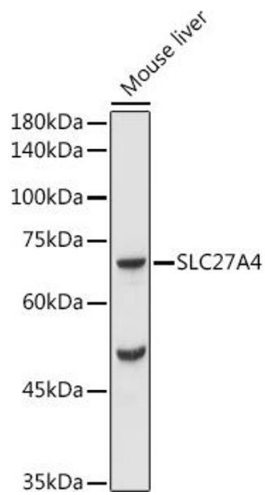
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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of Mouse liver, using F/SLC27 antibody (ABIN7270444) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.