

Datasheet for ABIN7600438  
**anti-SLC27A3 antibody (AA 192-683)**



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## Overview

Quantity:	100 µg
Target:	SLC27A3 (FATP3)
Binding Specificity:	AA 192-683
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC27A3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	Anti-FATP3/SLC27A3 Antibody Picoband®
Immunogen:	E.coli-derived human FATP3/SLC27A3 recombinant protein (Position: L192-I683).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-FATP3/SLC27A3 Antibody Picoband® (ABIN7600438). Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

## Target Details

Target:	SLC27A3 (FATP3)
Alternative Name:	SLC27A3 ( <a href="#">FATP3 Products</a> )
Background:	<p>Synonyms: Mitochondrial import inner membrane translocase subunit Tim17-A, Inner membrane preprotein translocase Tim17a, TIMM17A, MIMT17, TIM17, TIM17A, TIMM17</p> <p>Background: Long-chain fatty acid transport protein 3 is a protein that in humans is encoded by the SLC27A3 gene. This gene belongs to a family of integral membrane proteins and encodes a protein that is involved in lipid metabolism. The increased expression of this gene in human neural stem cells derived from induced pluripotent stem cells suggests that it plays an important role in early brain development. Naturally occurring mutations in this gene are associated with autism spectrum disorders. Alternative splicing results in multiple transcript variants.</p>
Molecular Weight:	70-79 kDa
Gene ID:	11000
UniProt:	<a href="#">Q5K4L6</a>

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse</p> <p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Camacho, J. A., Rioseco-Camacho, N. The human and mouse SLC25A29 mitochondrial transporters rescue the deficient ornithine metabolism in fibroblasts of patients with the hyperornithinemia-hyperammonemia-homocitrullinuria (HHH) syndrome. <i>Pediat. Res.</i> 66: 35-41, 2009. 2. Sekoguchi, E., Sato, N., Yasui, A., Fukada, S., Nimura, Y., Aburatani, H., Ikeda, K., Matsuura, A. A novel mitochondrial carnitine-acylcarnitine translocase induced by partial hepatectomy and fasting. <i>J. Biol. Chem.</i> 278: 38796-38802, 2003.</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.

## Handling

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Storage: 4 °C, -20 °C

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Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.  
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.