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Datasheet for ABIN7441358

anti-SLC27A1 antibody (AA 191-475)

2 Images

Overview

Quantity:	100 µL
Target:	SLC27A1 (FATP1)
Binding Specificity:	AA 191-475
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC27A1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Fatty Acid Transport Protein 1 (FATP1)
Immunogen:	Recombinant Fatty Acid Transport Protein 1 (FATP1) corresponding to Glu191~Lys475
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against FATP1. It has been selected for its ability to recognize FATP1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

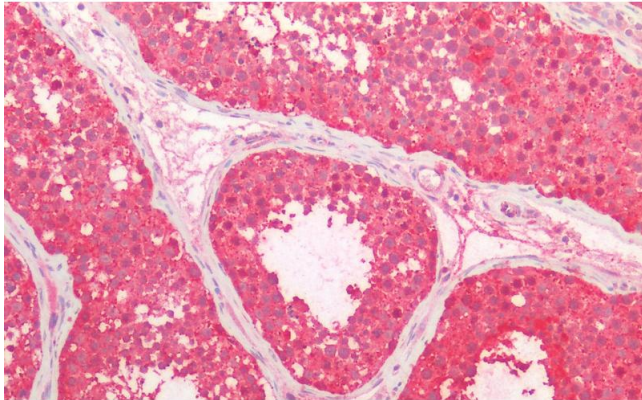
Target:	SLC27A1 (FATP1)
Alternative Name:	Fatty Acid Transport Protein 1 (FATP1 Products)
Background:	SLC27A1, ACSVL5, FATP, Long-Chain Fatty Acid Transport Protein 1, Solute Carrier Family 27 Member 1, Fatty Acid Transporter
Pathways:	Inositol Metabolic Process , Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

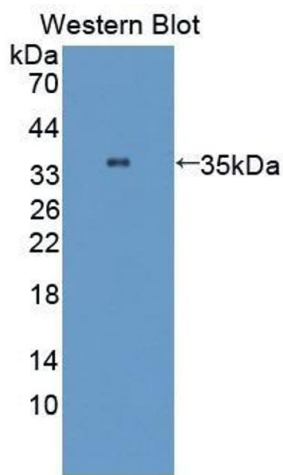
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of FATP1 in Human Testis Tissue using Polyclonal Antibody to Fatty Acid Transport Protein 1 (FATP1)



Western Blotting

Image 2. Detection of Recombinant FATP1, Rat using Polyclonal Antibody to Fatty Acid Transport Protein 1 (FATP1)