Datasheet for ABIN7008539

anti-SLC25A20 antibody

1 Image

Go to Product page

Overview

Quantity:	60 µL
Target:	SLC25A20
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC25A20 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human SLC25A20 (NP_000378.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	SLC25A20
Alternative Name:	SLC25A20 (SLC25A20 Products)
Background:	This gene product is one of several closely related mitochondrial-membrane carrier proteins that shuttle substrates between cytosol and the intramitochondrial matrix space. This protein mediates the transport of acylcarnitines into mitochondrial matrix for their oxidation by the mitochondrial fatty acid-oxidation pathway. Mutations in this gene are associated with

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Target Details

	carnitine-acylcarnitine translocase deficiency, which can cause a variety of pathological conditions such as hypoglycemia, cardiac arrest, hepatomegaly, hepatic dysfunction and muscle weakness, and is usually lethal in new born and infants.
Molecular Weight:	Observed_MW: 39 kDa Calculated_MW: 32 kDa
Gene ID:	788
UniProt:	O43772
Pathways:	TCR Signaling, Production of Molecular Mediator of Immune Response, Maintenance of Protein Location, Toll-Like Receptors Cascades

Application Details

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

Handling

Format:	Liquid
Concentration:	1 mg/mL
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.

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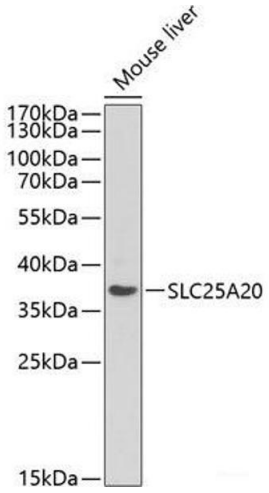

Western Blotting

Image 1. Western blot analysis of extracts of Mouse liver using SLC25A20 Polyclonal Antibody at dilution of 1:1000.

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