

Datasheet for ABIN6147918
anti-SLC25A20 antibody (AA 1-301)



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Overview

Quantity:	100 µL
Target:	SLC25A20
Binding Specificity:	AA 1-301
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC25A20 antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-301 of human SLC25A20 (NP_000378.1).
Sequence:	MADQPKPISP LKNLLAGGFG GVCLVFGHP LDTVKVRLQT QPPSLPGQPP MYSGTFDCFR KTLFREGITG LYRGMAAPII GVTPMFAVCF FGFGLGKKLQ QKHPEDVLSY PQLFAAGMLS GVFTTGIMTP GERIKCLLQI QASSGESKYT GTLDCAKKLY QEFGIRGIYK GTVLTLMRDV PASGMYFMTY EWLKNIFTPE GKRVSLSAP RILVAGGIAG IFNWAVAIPP DVLKSRFQTA PPGKYPNGFR DVLRELIRDE GVTSLYKGFN AVMIRAFPAN AACFLGFEVA MKFLNWATPN L
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Target Details

Target:	SLC25A20
Alternative Name:	SLC25A20 (SLC25A20 Products)
Background:	<p>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 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.,SLC25A20,CAC,CACT,SLC25A20</p>
Molecular Weight:	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:	IF,1:50 - 1:100
Restrictions:	For Research Use only

Handling

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.