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Datasheet for ABIN5010620

## anti-SLC25A20 antibody (AA 101-200) (Alexa Fluor 680)

### Overview

Quantity:	100 µL
Target:	SLC25A20
Binding Specificity:	AA 101-200
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC25A20 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SLC25A20
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Cow,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	SLC25A20
Alternative Name:	SLC25A20 ( <a href="#">SLC25A20 Products</a> )

## Target Details

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Background: Synonyms: CAC, CACT, Carnitine/acylcarnitine translocase, Solute carrier family 25 member 20, MCAT\_HUMAN.

Background: SLC25A20 is one of several closely related mitochondrial membrane carrier proteins that shuttle substrates between cytosol and the intramitochondrial matrix space. It mediates the transport of acylcarnitines into the 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.

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Gene ID: 788

Pathways: [TCR Signaling](#), [Production of Molecular Mediator of Immune Response](#), [Maintenance of Protein Location](#), [Toll-Like Receptors Cascades](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months