Datasheet for ABIN635065

anti-SLC25A21 antibody

1 Image

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Overview

Quantity:	100 µL
Target:	SLC25A21 (Slc25a21)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC25A21 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	SLC25 A21 antibody was raised using a synthetic peptide corresponding to a region with amino acids FYKGILPPILAETPKRAVKFFTFEQYKKLLGYVSLSPALTFAIAGLGSGL
Purification:	Affinity purified

Target Details

Target:	SLC25A21 (Slc25a21)
Alternative Name:	SLC25A21 (Slc25a21 Products)
Background:	SLC25A21 is a homolog of the S. cerevisiae ODC proteins, mitochondrial carriers that transport C5-C7 oxodicarboxylates across inner mitochondrial membranes. One of the species transported by ODC is 2-oxoadipate, a common intermediate in the catabolism of lysine, tryptophan, and hydroxylysine in mammals. Within mitochondria, 2-oxoadipate is converted into acetyl-CoA.SLC25A21 is a homolog of the S. cerevisiae ODC proteins, mitochondrial carriers

Target Details

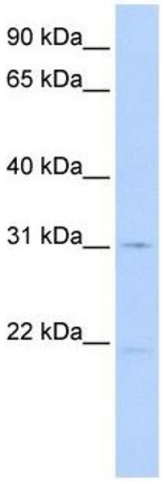
	that transport C5-C7 oxodicarboxylates across inner mitochondrial membranes.
Molecular Weight:	33 kDa (MW of target protein)
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	SLC25A21 Blocking Peptide, catalog no. 33R-3137, is also available for use as a blocking control in assays to test for specificity of this SLC25A21 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of SLC20 21 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. SLC25A21 antibody used at 1 ug/ml to detect target protein.