Datasheet for ABIN2426497

anti-ABCD4 antibody

2 Images

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Overview

Quantity:	200 µL
Target:	ABCD4
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCD4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic peptide of human ABCD4
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	ABCD4
Alternative Name:	ABCD4 (ABCD4 Products)
Background:	69 kDa peroxisomal ABC transporter,ABC 41,ABC41,ABCD 4,ABCD4,ABCD4,ATP binding cassette sub family D (ALD) member 4,ATP binding cassette sub family D member 4,ATP-binding cassette sub-family D member 4,EST352188,MAHCJ,MGC105956,P70R,P79R,Peroxisomal membrane protein 1 like,Peroxisomal membrane protein 1-like,Peroxisomal membrane protein 69,PMP

Target Details

	69,PMP69,PMP70-related protein,PXMP 1L,PXMP1 L,PXMP1-L,PXMP1L,The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the ALD subfamily, which is involved in peroxisomal import of fatty acids and/or fatty acyl-CoAs in the organelle. All known peroxisomal ABC transporters are half transporters which require a partner half transporter molecule to form a functional homodimeric or heterodimeric transporter. The function of this peroxisomal membrane protein is unknown. However, it is speculated that it may function as a heterodimer for another peroxisomal ABC transporter and, therefore, may modify the adrenoleukodystrophy phenotype. It may also play a role in the process of peroxisome biogenesis.
Molecular Weight:	Calculated MW: 69 kDa
NCBI Accession:	NP_005041

Application Details

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

Handling

Format:	Liquid
Concentration:	0.3 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Handling Advice:	Avoid freeze / thaw cycles.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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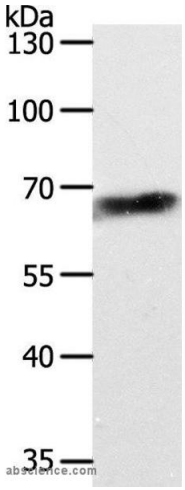
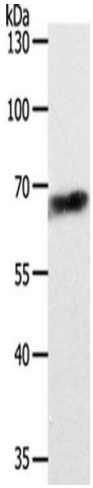


Western Blotting

Image 1. Western blot analysis of Jurkat cell, using ABCD4 Polyclonal Antibody at dilution of 1:700



Western Blotting

Image 2.