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Datasheet for ABIN7265738 anti-ABCD4 antibody (AA 100-280)

Image



Overview

Quantity:	100 μL
Target:	ABCD4
Binding Specificity:	AA 100-280
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCD4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

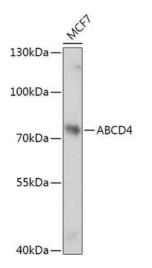
Purpose:	ABCD4 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 100-280 of human ABCD4 (NP_005041.1).
Sequence:	DQFTCNLLYV SWRKDLTEHL HRLYFRGRAY YTLNVLRDDI DNPDQRISQD VERFCRQLSS MASKLIISPF TLVYYTYQCF QSTGWLGPVS IFGYFILGTV VNKTLMGPIV MKLVHQEKLE GDFRFKHMQI RVNAEPAAFY RAGHVEHMRT DRRLQRLLQT QRELMSKELW LYIGINTFDY L
lsotype:	lgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

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Target Details	
Target:	ABCD4
Alternative Name:	ABCD4 (ABCD4 Products)
Background:	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. Alternative splicing results in at least two different transcript variants, one which is
	protein-coding and one which is probably not protein-coding. [provided by RefSeq, Jul
	2008],ABC41,EST352188,MAHCJ,P70R,P79R,PMP69,PXMP1L,ABCD4,ABCD4
Gene ID:	5826
UniProt:	014678
Application Details	
Application Notes:	WB,1:500 - 1:2000
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.

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Western Blotting

Image 1. Western blot analysis of extracts of MCF7 cells, using antibody (ABIN7265738) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.

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