

Rabbit anti-Human ABCD1 Polyclonal Antibody | anti-ABCD1 antibody

ABCD1 Polyclonal Antibody

CATALOG # AAA172458	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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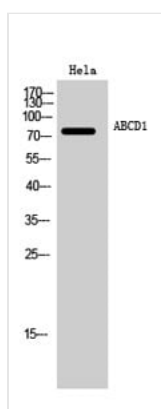
PRODUCT SYNONYMS

ABCD1; Polyclonal Antibody; ABCD1 Polyclonal Antibody; ALD; ATP-binding cassette sub-family D member 1; Adrenoleukodystrophy protein; ALDP; anti-ABCD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Applicable Applications for anti-ABCD1 antibody	ELISA, WB (Western Blot)
Immunogen	Synthesized peptide derived from the Internal region of human ABCD1.
Buffer	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4
Calculated MW	83 kDa
Observed MW	75 kDa
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-21378 / sc-31875 / sc-31876 / sc-20971
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of HeLa cells with ABCD1 Polyclonal Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ABCD1 antibody	The protein encoded by this gene is a member of the superfamily of ATPbinding 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. This peroxisomal membrane protein is likely involved in the peroxisomal transport or catabolism of very long chain fatty acids. Defects in this gene have been identified as the underlying cause of adrenoleukodystrophy, an Xchromosome recessively inherited demyelinating disorder of the nervous system.ABCD1 (ATP Binding Cassette Subfamily D Member 1) is a Protein Coding gene. Diseases associated with ABCD1 include Adrenoleukodystrophy and Addison's Disease. Among its related pathways are Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds and Peroxisome. GO annotations related to this gene include protein homodimerization activity and enzyme binding. An important paralog of this gene is ABCD2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7262393
NCBI GeneID	215
NCBI Accession #	NP_000024.2
NCBI GenBank Nucleotide #	NM_000033.3
NCBI Official Full Name	ATP-binding cassette sub-family D member 1
NCBI Official Synonym Full Names	ATP binding cassette subfamily D member 1
NCBI Official Symbol	ABCD1
NCBI Official Synonym Symbols	ALD; AMN; ALDP; ABC42
NCBI Protein Information	ATP-binding cassette sub-family D member 1
UniProt Protein Name	ATP-binding cassette sub-family D member 1
UniProt Gene Name	ABCD1
UniProt Synonym Gene Names	ALD; ALDP
UniProt Entry Name	ABCD1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/abcd1-antibody-western-blot-elisa/172458>