Rabbit ABCD2 Polyclonal Antibody | anti-ABCD2 antibody

ABCD2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA177331	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence**

PRODUCT SYNONYMS

ABCD2; Polyclonal Antibody; ABCD2 Polyclonal Antibody; ABC39; ALDL1; ALDR; ALDRP; hALDR; anti-ABCD2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ABCD2 antibody	IF (Immunofluorescence)
Immunogen	Recombinant fusion protein of human ABCD2 (NP_0051551)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescence analysis of U-2 OS cells using ABCD2 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

IF (Immunofluorescence)
Immunofluorescence analysis of L929 cells using ABCD2 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-ABCD2 antibody	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 this protein is speculated to function as a dimerization partner of ABCD1 and/or other peroxisomal ABC transporters. Mutations in this gene have been observed in patients with adrenoleukodystrophy, a severe demyelinating disease. This gene has been identified as a candidate for a modifier gene, accounting for the extreme variation among adrenoleukodystrophy phenotypes. This gene is also a candidate for a complement group of Zellweger syndrome, a genetically heterogeneous disorder of peroxisomal biogenesis.

Product Categories/Family for anti-ABCD2 antibody	Cancer; Cardiovascular; Metabolism; Signal Transduction; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	9945308
NCBI GeneID	225
NCBI Accession #	NP_005155
NCBI GenBank Nucleotide #	NM_005164
UniProt Accession #	Q9UBJ2; Q13210; Q2M3H9; B2RAM3
Molecular Weight	83,233 Da
NCBI Official Full Name	ATP-binding cassette sub-family D member 2
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family D (ALD), member 2
NCBI Official Symbol	ABCD2
NCBI Official Synonym Symbols	ALDR; ABC39; ALDL1; ALDRP; hALDR
NCBI Protein Information	ATP-binding cassette sub-family D member 2; adrenoleukodystrophy-like 1; adrenoleukodystrophy-related protein
UniProt Protein Name	ATP-binding cassette sub-family D member 2
UniProt Gene Name	**ABCD2**
UniProt Synonym Gene Names	ALD1; ALDL1; ALDR; ALDRP; hALDR
UniProt Entry Name	ABCD2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/abcd2-antibody-immunofluorescence-elisa/177331