

Rabbit ABCD2 Polyclonal Antibody | anti-ABCD2 antibody

ABCD2 Polyclonal Antibody

CATALOG # AAA168133	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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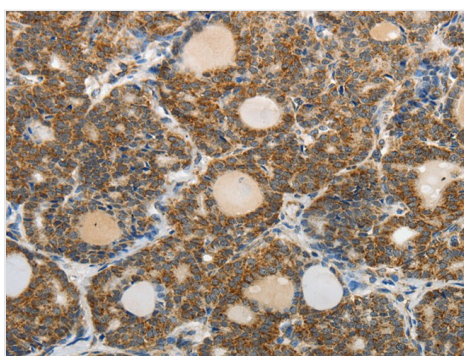
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

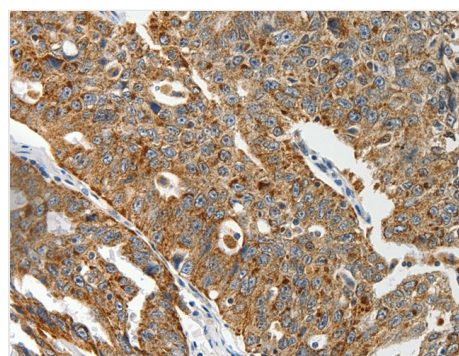
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.7mg/mL (varies by lot)
Sequence Length	740
Applicable Applications for anti-ABCD2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human ABCD2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ABCD2 Polyclonal Antibody at dilution 1:20



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ABCD2 Polyclonal Antibody at dilution 1:20

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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9945308
NCBI GeneID	225
NCBI Accession #	NP_005155.1
NCBI GenBank Nucleotide #	NM_005164.3
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/abcd2-antibody-immunohistochemistry-elisa/168133>