

Rabbit anti-Human, Mouse ATP Binding Cassette Transporter D2 Polyclonal Antibody | anti-ABCD2 antibody

Polyclonal Antibody to ATP Binding Cassette Transporter D2 (ABCD2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145785	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

ATP Binding Cassette Transporter D2; Polyclonal Antibody; Polyclonal Antibody to ATP Binding Cassette Transporter D2 (ABCD2); ABC-D2; ABC39; ALDL1; ALDR; ALDRP; hALDR; Adrenoleukodystrophy-like 1; Adrenoleukodystrophy-related protein; ATP-binding cassette sub-family D member 2; anti-ABCD2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against ABCD2. It has been selected for its ability to recognize ABCD2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Applicable Applications for anti-ABCD2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	ABCD2 (Lys501~Leu695)
Conjugate	No Conjugate
Cross Reactivity	Human, Mouse
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant ABCD2 (Lys501~Leu695) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type 293T cell lysate; Lane 2: ABCD2 knockout 293T cell lysate; Predicted MW: 83kd Observed MW: 75kd Primary Ab: 1ug/ml Rabbit Anti-Mouse ABCD2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemisry)

DAB staining on fromalin fixed paraffin- embedded kidney tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Human 293T cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Mouse ABCD2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-ABCD2 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	60218875
NCBI GeneID	26874
NCBI Accession #	NP_036124.2
NCBI GenBank Nucleotide #	NM_011994.3
UniProt Accession #	Q61285; Q8BQ63; Q8C4B6
Molecular Weight	83,483 Da
NCBI Official Full Name	ATP-binding cassette sub-family D member 2 isoform 1
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
NCBI Protein Information	ATP-binding cassette sub-family D member 2
UniProt Protein Name	ATP-binding cassette sub-family D member 2
UniProt Gene Name	Abcd2
UniProt Synonym Gene Names	Aldr

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.