

## Goat anti-ABCD2 (aa460-473) Antibody

<b>Item Number</b>	dAP-2666
<b>Target Molecule</b>	Principle Name: ABCD2 (aa460-473); Official Symbol: ABCD2; All Names and Symbols: ABCD2; ATP-binding cassette, sub-family D (ALD), member 2; ABC39; ALDL1; ALDR; ALDRP; hALDR; ATP-binding cassette sub-family D member 2; adrenoleukodystrophy-like 1; adrenoleukodystrophy-related protein; Accession Number (s): NP_005155.1; Human Gene ID(s): 225; Non-Human GeneID(s):
<b>Immunogen</b>	PLSDTLLAIKGKVID, is from internal region No cross-reactivity expected with ABCD1.
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 80kDa band observed in Human Liver lysates (calculated MW of 83.2kDa according to NP_005155.1). Recommended concentration: 0.5-2µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): van Roermund CW, Visser WF, Ijlst L, Waterham HR, Wanders RJ. Differential substrate specificities of human ABCD1 and ABCD2 in peroxisomal fatty acid $\beta$ -oxidation. <i>Biochim Biophys Acta</i> . 2011 Mar;1811(3):148-52.. PMID: 21145416->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**