

## Goat anti-ACOX2 Antibody

<b>Item Number</b>	dAP-1052
<b>Target Molecule</b>	Principle Name: ACOX2; Official Symbol: ACOX2; All Names and Symbols: ACOX2; acyl-Coenzyme A oxidase 2, branched chain; BCOX; BRCACOX; BRCOX; THCCox; Peroxisomal branched chain acyl-CoA oxidase; THCA-CoA oxidase; Trihydroxycoprostanoyl-CoA oxidase; Accession Number (s): NP_003491.1; Human Gene ID(s): 8309; Non-Human GeneID(s): 93732 (mouse) 252898 (rat)
<b>Immunogen</b>	HQSRLRPSDPEAK, is from internal region (near the C Terminus) Please note this antibody was designed using the mouse sequence, which differs by 1 amino acids from the human sequence.
<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 75kDa band observed in Human Liver lysates (calculated MW of 76.8kDa according to NP_003491.1). Recommended concentration: 0.1-0.3µg/ml. An additional band of unknown identity was also consistently observed at 150kDa. This band was
<b>IHC</b>	
<b>Reference</b>	Reference(s): Baumgart E, Vanhooren JC, Fransen M, Marynen P, Puype M, Vandekerckhove J, Leunissen JA, Fahimi HD, Mannaerts GP, van Veldhoven PP. Molecular characterization of the human peroxisomal branched-chain acyl-CoA oxidase: cDNA cloning, chromosomal assignment, tissue distribution, and

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 ender users! This product is sold for **Research Use Only**