

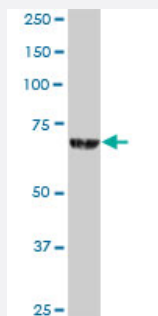
MaxPab®

ACOX2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008309-B01P

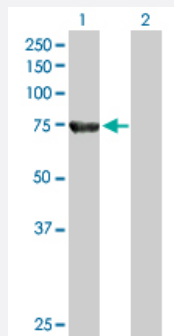
Size 50 ug

Applications



Western Blot (Tissue lysate)

ACOX2 MaxPab polyclonal antibody. Western Blot analysis of ACOX2 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of ACOX2 expression in transfected 293T cell line ([H00008309-T01](#)) by ACOX2 MaxPab polyclonal antibody.

Lane 1: ACOX2 transfected lysate(74.91 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ACOX2 protein.

Immunogen

ACOX2 (NP_003491.1, 1 a.a. ~ 681 a.a) full-length human protein.

Sequence	MGSPVHRVSLGDTWSRQMHPDIESERYMQSFDVERLTNILDGGAQNTALRRKVESIIHSYPEFSC KDNFYMTQNERKYAAMRRAFHIRLIARRLGWLEDGRELGYAYRALSGDVALNIHRVFVRALRSLGS EEQIAKWDP LCKNIQIIATYAQTELGHGTYLQGLETEATYDAATQEFVIHSPTLTATKWWPGDLGRS ATHALVQAQLICSGARRGMHAFVPIRSLQDHTPLPGIIIGDIGPKMDFDQTDNGFLQLNHVRVPREN MLSRFAQVLPDGTIVKLGTASNYLPMVVVRVELLSGEILPILQKACVIAMRYSVIRRQSRLRPSDP EAKVLDYQTQQQKLFPQLAISYAFHFLAVSLLEFFQHSYTAILNQDFSFLPELHALSTGMKAMMSE FCTQGAEMCRRACGGHGYSKLSGLPSLVTKLSASCTYEGENTVLYLQVARFLVKSYLEQTQMSPG STPQRSLSPSVAYLTAPDLARCPAQRAADFLCPELYTTAWAHVAVRLIKDSVQHLQTLTQSGADQ HEAWNQTTVIHLQAAKVHCYYVTVKGFTEALEKLENEPAIQQVLKRLCDLHAIHGILTNSGDFLHDA FLSGAQVDMARTAYLDLLRLIRKDAILLTDAFDFTDQCLNSALGCYDGNVYERLFQWAQKSPTNT QENPAYEEYIRPLLQSWRSKL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (73); Rat (74)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

ACOX2 MaxPab polyclonal antibody. Western Blot analysis of ACOX2 expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ACOX2 expression in transfected 293T cell line ([H00008309-T01](#)) by ACOX2 MaxPab polyclonal antibody.

Lane 1: ACOX2 transfected lysate(74.91 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — ACOX2

Entrez GeneID

[8309](#)

GeneBank Accession#

[NM_003500.2](#)

Protein Accession#	NP_003491.1
Gene Name	ACOX2
Gene Alias	BCOX, BRCACOX, BRcox, THCCox
Gene Description	acyl-Coenzyme A oxidase 2, branched chain
Omim ID	601641
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the acyl-CoA oxidase family. It encodes the branched-chain acyl-CoA oxidase which is involved in the degradation of long branched fatty acids and bile acid intermediates in peroxisomes. Deficiency of this enzyme results in the accumulation of branched fatty acids and bile acid intermediates, and may lead to Zellweger syndrome, severe mental retardation, and death in children. [provided by RefSeq]
Other Designations	Peroxisomal branched chain acyl-CoA oxidase THCA-CoA oxidase Trihydroxycoprostanoyl-CoA oxidase

Pathway

- [Metabolic pathways](#)
- [PPAR signaling pathway](#)
- [Primary bile acid biosynthesis](#)

Disease

- [Tobacco Use Disorder](#)