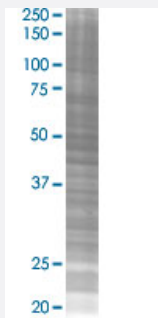


ACOX2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008309-T02

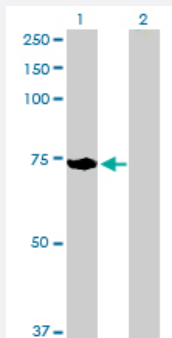
Size 100 uL

Applications



SDS-PAGE Gel

ACOX2 transfected lysate.



Western Blot

Lane 1: ACOX2 transfected lysate (76.80 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ACOX2 full-length
Host	Human
Theoretical MW (kDa)	76.8
Interspecies Antigen Sequence	Mouse (73); Rat (74)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ACOX2 antibody ([H00008309-D01P](#)) by Western Blots.
SDS-PAGE Gel
ACOX2 transfected lysate.
Western Blot
Lane 1: ACOX2 transfected lysate (76.80 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — ACOX2

Entrez GeneID[8309](#)**GeneBank Accession#**[NM_003500.2](#)**Protein Accession#**[NP_003491.1](#)**Gene Name**

ACOX2

Gene Alias

BCOX, BRCACOX, BR Cox, 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](#)