

## ACOX2 Antibody

Catalog No: #36023

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## Description

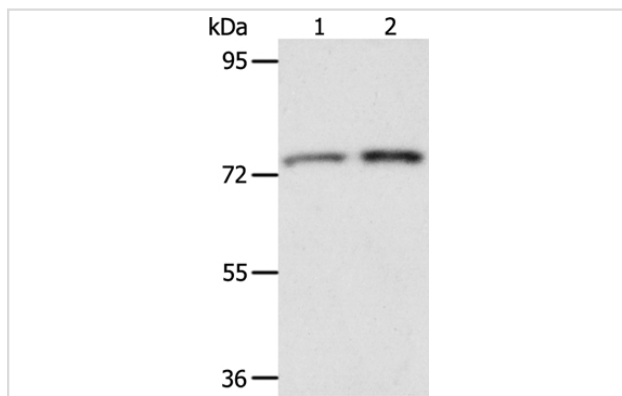
Product Name	ACOX2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total ACOX2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human Acyl-CoA oxidase 2, branched chain
Target Name	ACOX2
Other Names	BCOX; BRcox; THCCox; BRCACOX
Accession No.	Swiss-Prot#: Q99424NCBI Gene ID: 8309Gene Accssion: BC047700
Uniprot	Q99424
GeneID	8309;
SDS-PAGE MW	77kd
Concentration	0.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

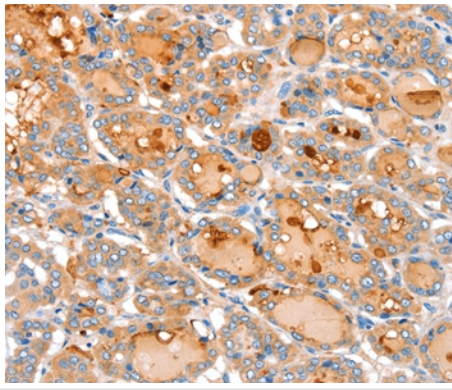
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

## Images



Gel: 8%SDS-PAGE  
Lysates (from left to right): Mouse liver and kidney tissue  
Amount of lysate: 40ug per lane  
Primary antibody: 1/350 dilution  
Secondary antibody dilution: 1/8000  
Exposure time: 2 minutes



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36023 at dilution 1/20.

## Background

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.

Note: This product is for in vitro research use only