

ACOX1 Polyclonal Antibody

Catalog number: 10957-1-AP

Size: 20 µg/150 µl

Source: Rabbit

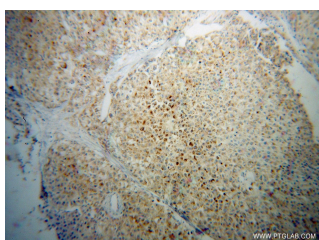
Isotype: IgG

Synonyms:

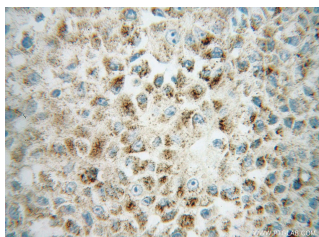
ACOX1; ACOX, ACOX1, AOX,

PALMCOX, Palmitoyl CoA

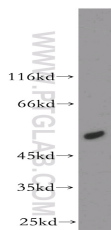
oxidase, SCOX



Immunohistochemical of paraffin-embedded human liver cancer using 10957-1-AP (AOX antibody) at dilution of 1:100 (under 10x lens)



Immunohistochemical of paraffin-embedded human liver cancer using 10957-1-AP (AOX antibody) at dilution of 1:100 (under 40x lens)



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 10957-1-AP (AOX antibody) at dilution of 1:300

Background

ACOX1 (Peroxisomal acyl-coenzyme A oxidase 1) is the first and rate-limiting enzyme in the peroxisomal fatty acid beta-oxidation pathway and catalyzes the desaturation of acyl-CoAs to 2-trans-enoyl-CoAs. It belongs to the acyl-CoA oxidase family and also named as ACOX, AOX, SCOX. It has 2 isoforms produced by alternative splicing and Defects in ACOX1 are the cause of adrenoleukodystrophy pseudoneonatal (Pseudo-NALD).

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Mouse
Calculated ACOX1 MW:	74 kDa
Observed ACOX1 MW:	50kd
Positive WB detected in	Mouse kidney tissue, mouse liver tissue
Positive IHC detected in	Human liver cancer tissue, human lung cancer tissue
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1405
GenBank accession number:	BC010425
Gene ID (NCBI):	51
Full name:	Acyl-Coenzyme A oxidase 1, palmitoyl

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.