

ACOX1 Antibody

Catalog No: #36021

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Description

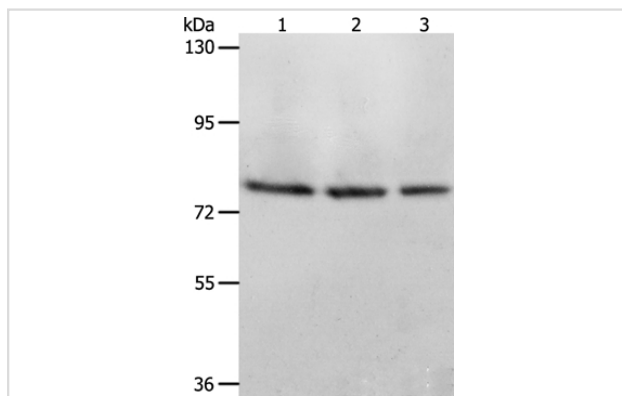
Product Name	ACOX1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total ACOX1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human Acyl-CoA oxidase 1, palmitoyl
Target Name	ACOX1
Other Names	ACOX; SCOX; PALMCOX
Accession No.	Swiss-Prot#: Q15067NCBI Gene ID: 51Gene Accssion: BC010425
Uniprot	Q15067
GeneID	51;
SDS-PAGE MW	74kd
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:15-1:50

Images



Gel: 8%SDS-PAGE

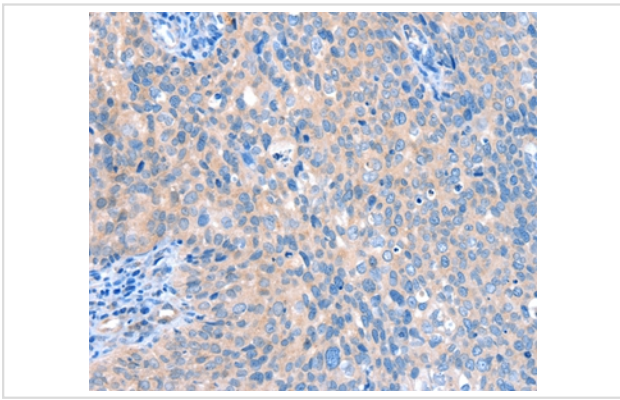
Lysates (from left to right): Mouse stomach, liver and kidney tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/350 dilution

Secondary antibody dilution: 1/8000

Exposure time: 1 minute



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using #36021 at dilution 1/20.

Background

The protein encoded by this gene is the first enzyme of the fatty acid beta-oxidation pathway, which catalyzes the desaturation of acyl-CoAs to 2-trans-enoyl-CoAs. It donates electrons directly to molecular oxygen, thereby producing hydrogen peroxide. Defects in this gene result in pseudoneonatal adrenoleukodystrophy, a disease that is characterized by accumulation of very long chain fatty acids. Alternatively spliced transcript variants encoding different isoforms have been identified.

Note: This product is for in vitro research use only