ACOX1 Antibody

Catalog No: #36021



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

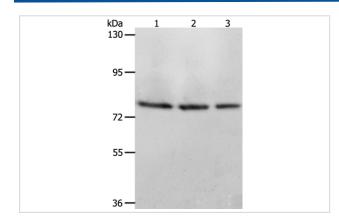
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| Product Name | ACOX1 Antibody | |
|-----------------------|---|--|
| Host Species | Rabbit | |
| Clonality | Polyclonal | |
| Purification | Antigen affinity purification. | |
| Applications | WB IHC | |
| Species Reactivity | Hu Ms | |
| Specificity | 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% NaN3, 40% Glycerol. | |
| Storage | Store at -20°C | |
| | | |

Application Details

Western blotting: 1:200-1:1000
Immunohistochemistry: 1:15-1:50

Images



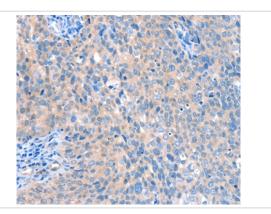
Gel: 8%SDS-PAGE

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