

Product Name: ACOX1 Mouse Monoclonal Antibody**Catalog #: AMM86047**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:100-1:500,ICC 1:20-1:50
Molecular Weight	74.4kDa

Antigen Information

Gene Name	ACOX1
Alternative Names	Peroxisomal acyl-coenzyme A oxidase 1, AOX, Palmitoyl-CoA oxidase, Straight-chain acyl-CoA oxidase, SCOX, ACOX1, ACOX
Gene ID	51.0
SwissProt ID	Q15067
Immunogen	This ACOX1 monoclonal antibody is generated from mouse immunized with ACOX1 recombinant protein.

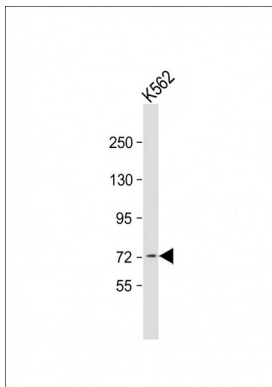
Background

ACOX1 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.

Research Area

Image Data



Anti- at 1:1000 dilution + K562 whole cell lysate