
Product Name: ACOX1 Rabbit Monoclonal Antibody**Catalog #: AMRe85250**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.62mg/ml. The concentration of this product may be batch-dependent.
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,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC 1:50-1:200,IP 1:10-1:20
Molecular Weight	Calculated MW: 75 kDa; Observed MW: 74,48 kDa

Antigen Information

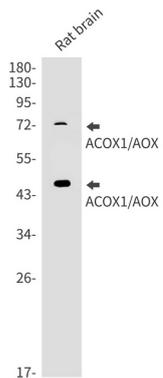
Gene Name	ACOX1
Alternative Names	AOX; Acox; Paox; D130055E20Rik
Gene ID	11430.0
SwissProt ID	Q9R0H0
Immunogen	Recombinant protein of mouse ACOX1

Background

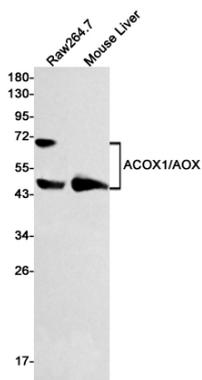
Catalyzes the desaturation of acyl-CoAs to 2-trans-enoyl-CoAs. Isoform 1 shows highest activity against medium-chain fatty acyl-CoAs and activity decreases with increasing chain length. Isoform 2 is active against a much broader range of substrates and shows activity towards very long-chain acyl-CoAs .

Research Area

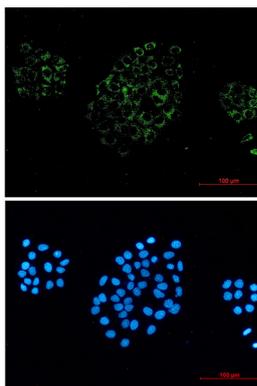
Image Data



Western blot analysis of ACOX1/AOX in rat brain lysates using ACOX1 antibody.



Western blot analysis of ACOX1/AOX in Raw264.7, mouse Liver lysates using ACOX1/AOX antibody.



Immunocytochemistry analysis of ACOX1 (green) in hela using ACOX1 antibody, and DAPI(blue)