

Recombinant ACOX1 Monoclonal Antibody

Catalog Number:E-AB-81525



Note: Centrifuge before opening to ensure complete recovery of vial contents.

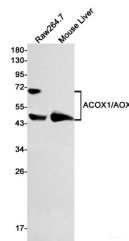
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant protein of mouse ACOX1
Host	Rabbit
Isotype	IgG
Clone	R08-2E5
Purification	Affinity Purified
Conjugation	Unconjugated
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

Applications Recommended Dilution

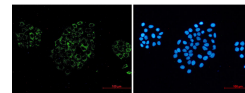
WB	1:500-1:1000
IF	1:50-1:100

Data



Western blot detection of ACOX1/AOX in Raw264.7, Mouse Liver cell lysates using ACOX1/AOX Rabbit mAb(1:500 diluted). Predicted band size:74kDa. Observed band size:74,48kDa.

Observed Mw:74/48kDa
Calculated Mw:74kDa



Immunofluorescence of ACOX1 (green) in HeLa using ACOX1 Rabbit mAb at dilution 1/50, and DAPI(blue)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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 .

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