Recombinant ACOX1 Monoclonal Antibody

catalog number: **E-AB-81525**

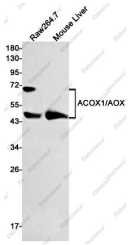
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein of mouse ACOX1
Host	Rabbit
Isotype	Rabbit IgG
Clone	C173311
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:500-1:1000
IF	1:50-1:100

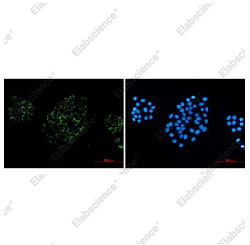
Data



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 /48 kDa

Calculated-MW:74 kDa



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

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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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