

Recombinant ACOX1 Monoclonal Antibody

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

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

Description

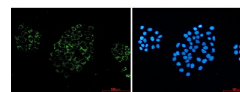
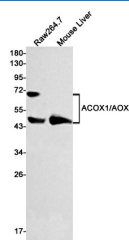
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein of mouse ACOX1
Host	Rabbit
Isotype	IgG
Clone	R08-2E5
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

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.

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

Observed-MW: 74 / 48 kDa

Calculated-MW: 74 kDa

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.

For Research Use Only