

Product Data Sheet

Anti-ACOX1 Antibody

Catalog #	Source	Reactivity	Applications
CQA1727	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to ACOX1		
Immunogen	Recombinant full length protein of human ACOX1		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of ACOX1 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200)		
Gene Symbol	ACOX1		
Alternative Names	ACOX; Peroxisomal acyl-coenzyme A oxidase 1; AOX; Palmitoyl-CoA oxidase; Straight-chain acyl-CoA oxidase; SCOX		
Entrez Gene	51 (Human); 11430 (Mouse); 50681 (Rat)		
SwissProt	Q15067 (Human); Q9R0H0 (Mouse); P07872 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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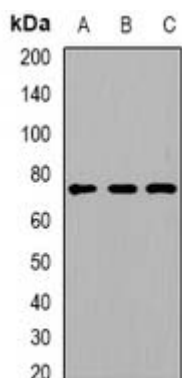
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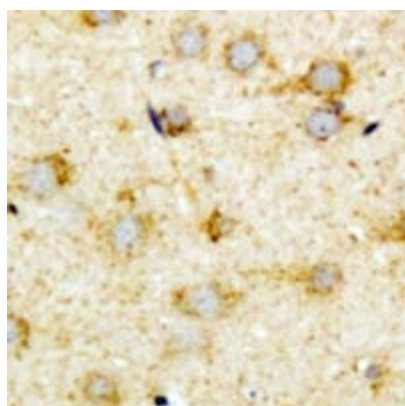
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Western blot analysis of ACOX1 expression in NC1H460 (A), mouse liver (B), mouse kidney (C) whole cell lysates.



Immunohistochemical analysis of ACOX1 staining in mouse brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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