

Product Data Sheet

Anti-ACOX2 Antibody

Catalog #	Source	Reactivity	Applications
CQA3739	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to ACOX2		
Immunogen	Recombinant fusion protein of human ACOX2. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of ACOX2 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	ACOX2		
Alternative Names	Peroxisomal acyl-coenzyme A oxidase 2; 3-alpha 7-alpha 12-alpha-trihydroxy-5-beta-cholestanoyl-CoA 24-hydroxylase; 3-alpha 7-alpha 12-alpha-trihydroxy-5-beta-cholestanoyl-CoA oxidase; Trihydroxycoprostanoyl-CoA oxidase; THCA-CoA oxidase; THCCox		
Entrez Gene	8309 (Human); 93732 (Mouse)		
SwissProt	Q99424 (Human); Q9QXD1 (Mouse); P97562 (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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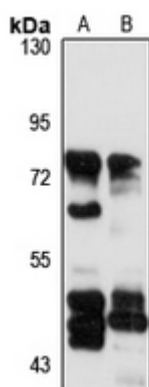
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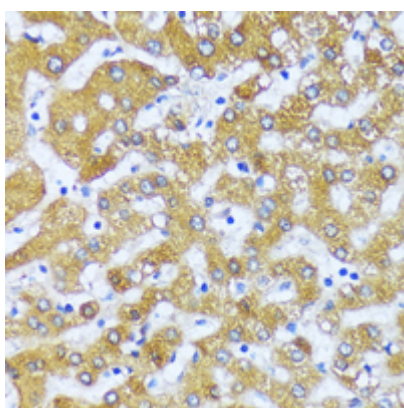
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Western blot analysis of ACOX2 expression in HT29 (A), mouse liver (B) whole cell lysates. (Predicted band size: 76 kD; Observed band size: 77 kD)



Immunohistochemical analysis of ACOX2 staining in human liver 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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