

ACOX1 Rabbit mAb

Catalog No.: A21217

Recombinant

3 Publications

Basic Information

Observed MW

50kDa/72kDa

Calculated MW

74kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC53117

Background

The protein encoded by this gene is the first enzyme of the fatty acid beta-oxidation pathway, which catalyzes the desaturation of acyl-CoAs to 2-trans-enoyl-CoAs. It donates electrons directly to molecular oxygen, thereby producing hydrogen peroxide. Defects in this gene result in pseudoneonatal adrenoleukodystrophy, a disease that is characterized by accumulation of very long chain fatty acids. Alternatively spliced transcript variants encoding different isoforms have been identified.

Recommended Dilutions

WB 1:2000 - 1:10000

IHC-P 1:500 - 1:1000

Immunogen Information

Gene ID

51

Swiss Prot

Q15067

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human ACOX1 (NP_004026.2).

Synonyms

AOX; ACOX; SCOX; MITCH; PALMCOX; ACOX1

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

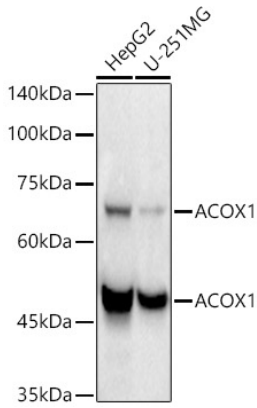
Affinity purification

Storage

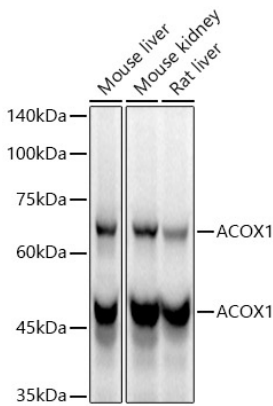
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

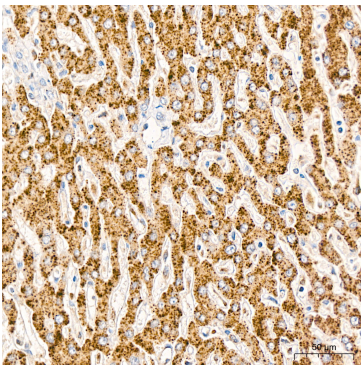
Validation Data



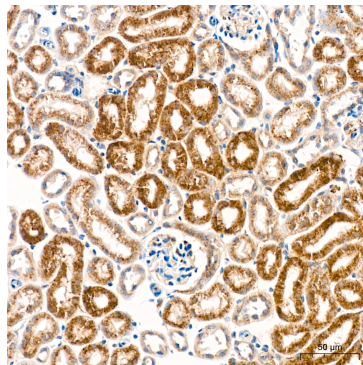
Western blot analysis of various lysates, using ACOX1 Rabbit mAb (A21217) at 1:10000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.



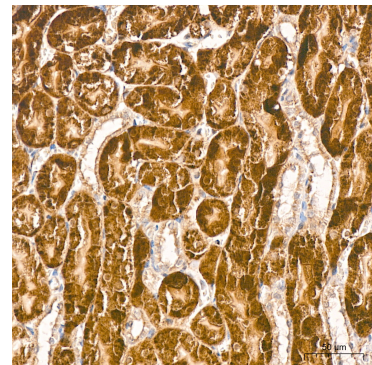
Western blot analysis of various lysates, using ACOX1 Rabbit mAb (A21217) at 1:10000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunohistochemistry analysis of ACOX1 in paraffin-embedded human liver tissue using ACOX1 Rabbit mAb (A21217) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of ACOX1 in paraffin-embedded mouse kidney tissue using ACOX1 Rabbit mAb (A21217) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of ACOX1 in paraffin-embedded rat kidney tissue using ACOX1 Rabbit mAb (A21217) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.