

ACOX1 Rabbit Polyclonal Antibody



CAB8091

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

74kDa

Calculated MW:

70kDa/74kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse

Protein 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.

Immunogen information

Gene ID:

51

Uniprot

Q15067

Synonyms:

ACOX1; ACOX; PALMCOX; SCOX

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC

1:100 - 1:200 IF 1:50 -

1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

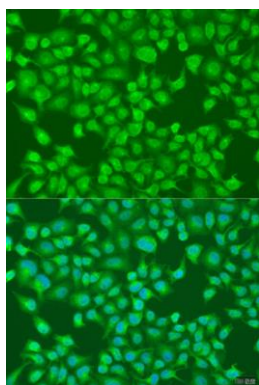
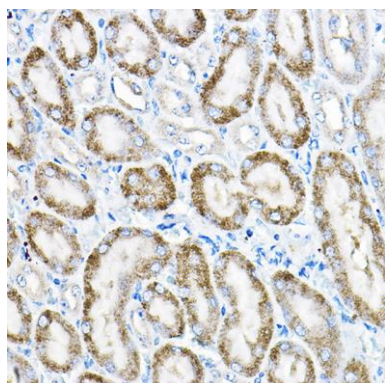
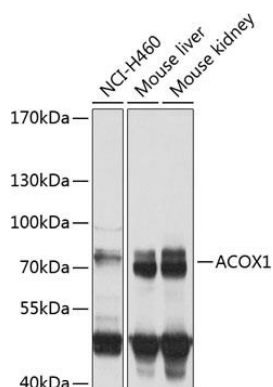
Immunogen:

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

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using ACOX1 antibody (CAB8091) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.

Immunohistochemistry of paraffin-embedded mouse kidney using ACOX1 Rabbit pAb (CAB8091) at dilution of 1:100 (40x lens).

Immunofluorescence analysis of U2OS cells using ACOX1 antibody (CAB8091) at dilution of 1:100. Blue: DAPI for nuclear staining.