

ACOX1 Rabbit mAb
Catalog # AP75028**Specification**

ACOX1 Rabbit mAb - Product Information

Application	WB, IP, ICC
Primary Accession	Q9R0H0
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	74649

ACOX1 Rabbit mAb - Additional Information**Gene ID** 11430**Other Names**

Acox1

Dilution

WB~~1/500-1/1000

IP~~1/20

ICC~~N/A

Format

Liquid

ACOX1 Rabbit mAb - Protein Information**Name** Acox1 {ECO:0000312|MGI:MGI:1330812}**Synonyms** Acox, Paox**Function**

Involved in the initial and rate-limiting step of peroxisomal beta-oxidation of straight-chain saturated and unsaturated very-long- chain fatty acids. Catalyzes the desaturation of fatty acyl-CoAs such as palmitoyl-CoA (hexadecanoyl-CoA) to 2-trans-enoyl-CoAs ((2E)-enoyl- CoAs) such as (2E)-hexadecenoyl-CoA, and donates electrons directly to molecular oxygen (O(2)), thereby producing hydrogen peroxide (H(2)O(2)).

Cellular Location

Peroxisome {ECO:0000250|UniProtKB:P07872}.

Tissue Location

Highest levels of isoform 1 are found in liver and kidney while highest levels of isoform 2 are found in white adipose tissue. Isoform 1 is expressed at higher levels than isoform 2 in liver and kidney while isoform 2 is expressed at higher levels in brain, heart, lung, muscle, white adipose tissue and testis

ACOX1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)

- [Cell Culture](#)

ACOX1 Rabbit mAb - Images



