

ACOX2 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16093**Specification**

ACOX2 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O99424
Other Accession	XP_005265562
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74kDa KDa

ACOX2 Antibody - C-terminal region - Additional Information**Gene ID** 8309

Alias Symbol	ACOX2,
Other Names	

Peroxisomal acyl-coenzyme A oxidase 2, 1.17.99.3, 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, ACOX2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 µl of distilled water. Final Anti-ACOX2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

ACOX2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

ACOX2 Antibody - C-terminal region - Protein Information**Name** ACOX2 ([HGNC:120](#))**Function**

Oxidizes the CoA esters of the bile acid intermediates di- and tri-hydroxycholestanic acids (PubMed:27884763). Capable of oxidizing short as well as long chain 2-methyl branched fatty acids (By similarity).

Cellular Location

Peroxisome

Tissue Location

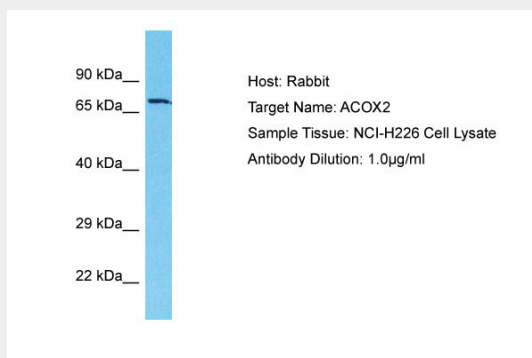
Present in all tissues tested: heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Most abundant in heart, liver and kidney.

ACOX2 Antibody - C-terminal region - 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](#)

ACOX2 Antibody - C-terminal region - Images



Host: Rabbit
Target Name: ACOX2
Sample Tissue: NCI-H226 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

ACOX2 Antibody - C-terminal region - Background

Oxidizes the CoA esters of the bile acid intermediates di- and tri-hydroxycholestanic acids.

ACOX2 Antibody - C-terminal region - References

Baumgart E., et al. Proc. Natl. Acad. Sci. U.S.A. 93:13748-13753(1996).
Fournier B., et al. Submitted (SEP-1997) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Muzny D.M., et al. Nature 440:1194-1198(2006).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.