10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

Specification

ACOX2 Antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q99424
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 &mu, l 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-hydroxycholestanoic acids (PubMed:27884763). Capable of oxidizing short as well as long chain 2-methyl branched fatty acids (By similarity).

Cellular Location
Peroxisome

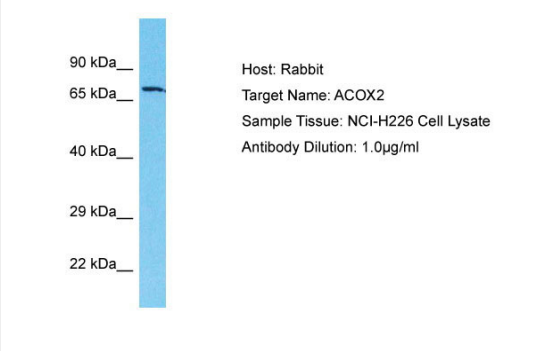
Tissue Location
Present in all tissues tested: heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Most abundant in heart, liver and kidney.

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 Cytomety
- Cell Culture

ACOX2 Antibody - C-terminal region - Images



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

ACOX2 Antibody - C-terminal region - Background

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