

# ACOX2 Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI16093

## Product Information

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Application	WB
Primary Accession	<a href="#">Q99424</a>
Other Accession	<a href="#">XP_005265562</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76827

## Additional Information

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Gene ID	8309
Alias Symbol Other Names	ACOX2, 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.

## Protein Information

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Name	ACOX2 ( <a href="#">HGNC:120</a> )
Function	Oxidizes the CoA esters of the bile acid intermediates di- and tri-hydroxycholestanic acids (PubMed: <a href="#">27884763</a> ). 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.

## Background

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

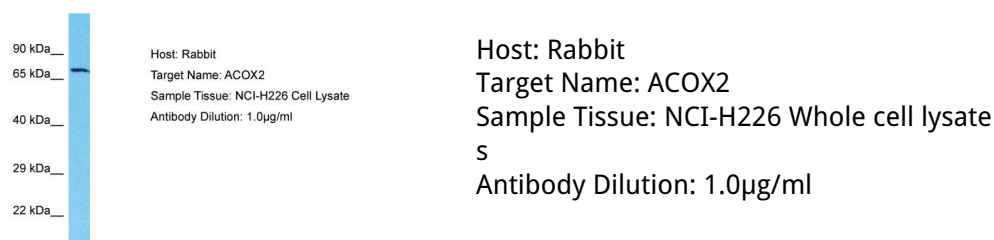
## References

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Muzny D.M.,et al.Nature 440:1194-1198(2006).  
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## Images

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.