

Datasheet for ABIN2783261
anti-ACAA1 antibody (N-Term)

5 Images

1 Publication

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ACAA1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Zebrafish (Danio rerio), Guinea Pig, Horse, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACAA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ACAA1
Sequence:	ADVVVVHGRR TAICRAGRGG FKDTTPDELL SAVMTAVLKD VNLRPEQLGD
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 86%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against ACAA1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ACAA1
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Target Details

Alternative Name:	ACAA1 (ACAA1 Products)
Background:	<p>ACAA1 is an enzyme operative in the beta-oxidation system of the peroxisomes. Deficiency of this enzyme leads to pseudo-Zellweger syndrome. Acetyl-Coenzyme A acyltransferase (ACAA1) is an enzyme operative in the beta-oxidation system of the peroxisomes. Deficiency of this enzyme leads to pseudo-Zellweger syndrome. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: ACAA, PTHIO, THIO</p> <p>Protein Interaction Partner: UBC, TXNDC11, TRAPPC5, MRPL53, SARNP, SRPRB, SUGP1, SBDS, ZDHHC5, SF3B4, VDAC3, SCP2, RPS19, PPIB, NDUFA7, NDUFA2, HSD17B4, HAT1,</p> <p>Protein Size: 424</p>
Molecular Weight:	44 kDa
Gene ID:	30
NCBI Accession:	NM_001607 , NP_001598
UniProt:	P09110
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 424 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

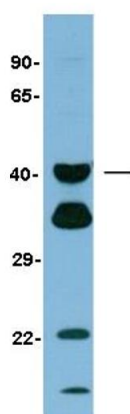
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: Molecular systems biology , Vol. 3, pp. 89, (2007) (PubMed).
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Images

ACAA1



See Immunoblot 1 Data for more information.

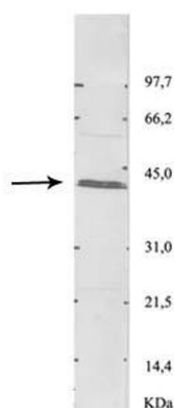
Western Blotting

Image 1. Sample Type: Human Liver

Primary Dilution: 1:1000

Gel concentration: 12%

ACAA1



See immunoblot 2 Data for more information.

Western Blotting

Image 2. Sample Type: 1.Rat purified peroxisomes (33ug)

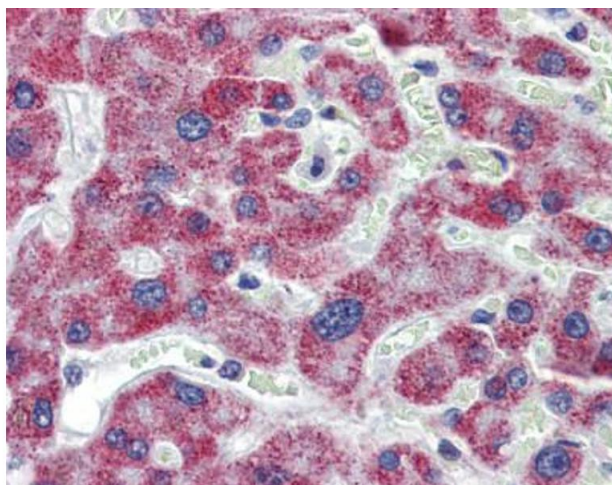
Primary Dilution: 1:1000

Secondary Antibody: alkaline phosphatase-conjugated anti-rabbit

Secondary Dilution: 1:1000

Image Submitted by: Andreia Carvalho

IBMC-OBf, Portugal .



Immunohistochemistry

Image 3. IHC Information: Liver, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2783261.