

# DECR1 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AW5307

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q16698</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	36 KDa
<b>Isotype</b>	Rabbit IgG
<b>Antigen Source</b>	HUMAN

## Additional Information

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<b>Antigen Region</b>	241-274
<b>Other Names</b>	4-dienoyl-CoA reductase, mitochondrial, 4-dienoyl-CoA reductase [NADPH], 4-enoyl-CoA reductase [NADPH], DECR1, DECR
<b>Dilution</b>	WB~~1:1000
<b>Target/Specificity</b>	This DECR1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 241-274 amino acids from the Central region of human DECR1.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	DECR1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

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Auxiliary enzyme of beta-oxidation. It participates in the metabolism of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3- enoyl-CoA.

## References

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Koivuranta K.T.,et al.Biochem. J. 304:787-792(1994).

Ding J.H.,et al.Submitted (OCT-1996) to the EMBL/GenBank/DDBJ databases.

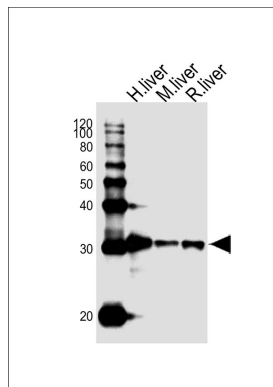
Helander H.M.,et al.Genomics 46:112-119(1997).

Nusbaum C.,et al.Nature 439:331-335(2006).

Choudhary C.,et al.Science 325:834-840(2009).

## Images

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Western blot analysis of lysates from human liver, mouse liver and rat liver tissue lysate (from left to right), using DEC1 Antibody (Center)(Cat. #AW5307). AW5307 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.

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