

# Decr2 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12298

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9WV68</a>
<b>Other Accession</b>	<a href="#">NM_011933</a> , <a href="#">NP_036063</a>
<b>Reactivity</b>	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Yeast
<b>Predicted</b>	Human, Mouse, Rat, Pig, Chicken, Dog, Guinea Pig
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	31300

## Additional Information

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<b>Gene ID</b>	26378
<b>Other Names</b>	Peroxisomal 2, 4-dienoyl-CoA reductase, 1.3.1.34, 2, 4-dienoyl-CoA reductase 2, Decr2, Pdcr
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-Decr2 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.
<b>Precautions</b>	Decr2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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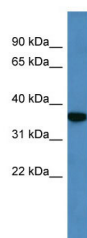
<b>Name</b>	Decr2
<b>Synonyms</b>	Pdcr
<b>Function</b>	Auxiliary enzyme of beta-oxidation. Participates in the degradation of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions in peroxisome. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA. Has activity towards short and medium chain 2,4-dienoyl-CoAs, but also towards 2,4,7,10,13,16,19-docosaheptaenoyl-CoA, suggesting that it does not constitute a rate limiting step in the peroxisomal degradation of docosahexaenoic acid.

## Cellular Location

Peroxisome.

## Images

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WB Suggested Anti-Decr2 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: Mouse Brain

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