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DECR2 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12297

Product Information

Application	WB
Primary Accession	Q9NUI1
Other Accession	NM_020664, NP_065715
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Dog, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30778

Additional Information

Gene ID	26063
Alias Symbol	AL023881.1, PDCR, SDR17C1
Other Names	Peroxisomal 2, 4-dienoyl-CoA reductase, pDCR, 1.3.1.34, 2, 4-dienoyl-CoA reductase 2, DECR2, PDCR
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 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.
Precautions	DECR2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

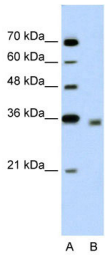
Name	DECR2
Synonyms	PDCR, SDR17C1
Function	Auxiliary enzyme of beta-oxidation. Participates in the degradation of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions in peroxisome. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA. 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 {ECO:0000250|UniProtKB:Q9Z2M4}.

References

De(2001)Biochim.Biophys.Acta1533(1),66-72ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



WB Suggested Anti-DECR2 Antibody Titration: 5.0µg/ml
Positive Control: Jurkat cell lysate
DECR2 is supported by BioGPS gene expression data to be expressed in Jurkat

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