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DECR2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55478

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9NUI1
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30778

Additional Information

Gene ID	26063
Other Names	Peroxisomal 2, 4-dienoyl-CoA reductase [(3E)-enoyl-CoA-producing], pDCR, 1.3.1.124, 2, 4-dienoyl-CoA reductase 2, Short chain dehydrogenase/reductase family 17C member 1, DECR2, PDCR, SDR17C1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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}.

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