

DEC2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55478**Specification****DEC2 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	O9NUI1
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30778

DEC2 Polyclonal Antibody - 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, DEC2, PDCR, SDR17C1

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
E ~ ~ N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

DEC2 Polyclonal Antibody - Protein Information**Name** DEC2**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}.

DECR2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DECR2 Polyclonal Antibody - Images