

### **DECR2 Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55478

# **Specification**

## **DECR2 Polyclonal Antibody - Product Information**

Application IHC-P, IHC-F, IF, ICC, E

Primary Accession
Reactivity
Rat
Host
Clonality
Calculated MW
Rat
Rabbit
Polyclonal
30778

## **DECR2 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, DECR2, PDCR, SDR17C1

#### **Dilution**

<span class ="dilution\_IHC-P">IHC-P~~N/A</span><br \> <span class
="dilution\_IHC-F">IHC-F~~N/A</span><br \> <span class
="dilution\_IF">IF~~1:50~200</span><br \> <span class ="dilution\_ICC">ICC~~N/A</span><br \> <span class ="dilution\_E">E~~N/A</span>

# **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.

## **DECR2 Polyclonal Antibody - Protein Information**

#### Name DECR2

Synonyms PDCR, SDR17C1

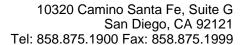
### **Function**

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}.





**DECR2 Polyclonal Antibody - Protocols** 

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

**DECR2 Polyclonal Antibody - Images**