

DEC2 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12297**Specification**

DEC2 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q9NUI1
Other Accession	NM_020664 , NP_065715
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32kDa kDa

DEC2 antibody - N-terminal region - 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, DEC2, 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-DEC2 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

DEC2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

DEC2 antibody - N-terminal region - 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

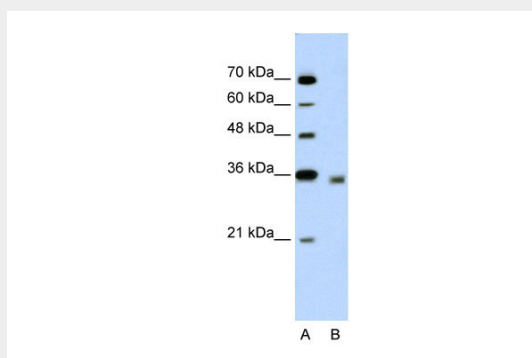
Peroxisome {ECO:0000250|UniProtKB:Q9Z2M4}.

DECR2 antibody - N-terminal region - 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 antibody - N-terminal region - 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

DECR2 antibody - N-terminal region - References

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