

Datasheet for ABIN7183446

**anti-DECR2 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	DECR2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DECR2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Synthesized peptide derived from internal of Human DECR2.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Target Details

Target:	DECR2
Alternative Name:	DECR2 ( <a href="#">DECR2 Products</a> )
Background:	Background: 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-

## Target Details

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.

De Nys K., Biochim. Biophys. Acta 1533:66-72(2001).

Daniels R.J., Hum. Mol. Genet. 10:339-352(2001).

Ota T., Nat. Genet. 36:40-45(2004).

Aliases: 2 4 dienoyl CoA reductase 2 antibody, 2 4 dienoyl CoA reductase 2 peroxisomal antibody, 2 antibody, 4-dienoyl-CoA reductase 2 antibody, 4-dienoyl-CoA reductase antibody, DECR 2 antibody, Decr2 antibody, DECR2\_HUMAN antibody, EC 1.3.1.34 antibody, pDCR antibody, Peroxisomal 2 4 dienoyl CoA reductase antibody, Peroxisomal 2 antibody, SDR17C1 antibody, Short chain dehydrogenase/reductase family 17C member 1 antibody

UniProt: [Q9NUI1](#)

## Application Details

Application Notes: WB:1:500-1:3000,

Restrictions: For Research Use only

## Handling

Format: Liquid

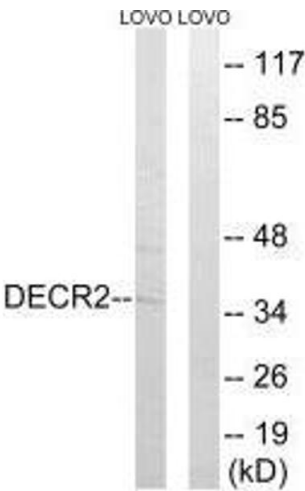
Buffer: Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

**Image 1.** Western blot analysis of extracts from LOVO cells, using DECR2 antibody.