

Datasheet for ABIN2781323  
**anti-DECR2 antibody (C-Term)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µL
Target:	DECR2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DECR2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Mouse
Sequence:	PIPRLGTKTE IAHSVLYLAS PLASYVSGIV LVVDGGSWMT FPNGIKQLLE
Predicted Reactivity:	Dog: 79%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Yeast: 83%
Characteristics:	This is a rabbit polyclonal antibody against Decr2. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	DECR2
Alternative Name:	Decr2 ( <a href="#">DECR2 Products</a> )
Background:	Decr2 is the auxiliary enzyme of beta-oxidation. Decr2 participates in the degradation of

## Target Details

unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions in peroxisome. Decr2 catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA. Decr2 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.

Alias Symbols: -

Protein Size: 292

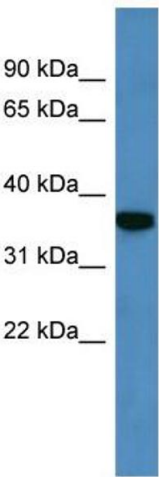
Molecular Weight:	31 kDa
Gene ID:	26378
NCBI Accession:	<a href="#">NM_011933</a> , <a href="#">NP_036063</a>
UniProt:	<a href="#">Q9WV68</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 292 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

**Image 1.** WB Suggested Anti-Decr2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Mouse Brain