

Datasheet for ABIN2781322
anti-DECR2 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DECR2
Sequence:	MAQPPPDVEG DDCLPAYRHL FCPDLLRDKV AFITGGGSGI GFRIAEIFMR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against DECR2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	DECR2
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Target Details

Alternative Name:	DECR2 (DECR2 Products)
Background:	<p>DECR2 is auxiliary enzyme of beta-oxidation. It participates in the degradation of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions in peroxisome. It catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA and 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.</p> <p>Alias Symbols: AL023881.1, PDCR, SDR17C1</p> <p>Protein Interaction Partner: PEX5, EP300, UBC, APP, NEDD4L,</p> <p>Protein Size: 292</p>
Molecular Weight:	32 kDa
Gene ID:	26063
NCBI Accession:	NM_020664 , NP_065715
UniProt:	Q9NUI1

Application Details

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

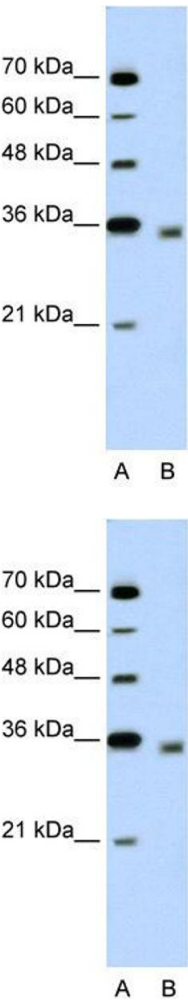
Handling

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

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-DECR2
Antibody Titration: 5.0 µg/mL
Positive Control: Jurkat cell lysate
DECR2 is supported by BioGPS gene expression data to be expressed in Jurkat

Western Blotting

Image 2. WB Suggested Anti-DECR2 Antibody Titration: 5.0ug/ml Positive Control: Jurkat cell lysate DECR2 is supported by BioGPS gene expression data to be expressed in Jurkat