Datasheet for ABIN2462714

anti-DECR2 antibody

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Overview

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

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human DECR2.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	DECR2
Alternative Name:	DECR2 (DECR2 Products)
Background:	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

Target Details

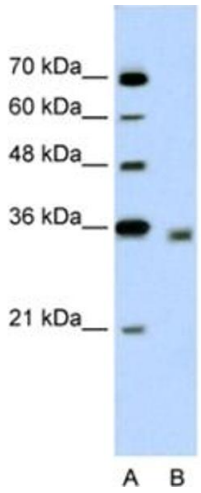
	step in the peroxisomal degradation of docosahexaenoic acid.
Molecular Weight:	32 kDa
Gene ID:	26063
NCBI Accession:	NP_065715
UniProt:	Q9NUI1

Application Details

Application Notes:	DECR2 antibody can be used for detection of DECR2 by ELISA at 1:312500. DECR2 antibody can be used for detection of DECR2 by western blot at 5.0 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 100 ?L of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store DECR2 antibody at -20 °C.



Western Blotting

Image 1.