

DATASHEET

DECR1 Rabbit Polyclonal Antibody

CAT. NO. APA15431

KEY FEATURES

Target	DECR1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Auxiliary enzyme of beta-oxidation. It participates in the metabolism of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions in mitochondria. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

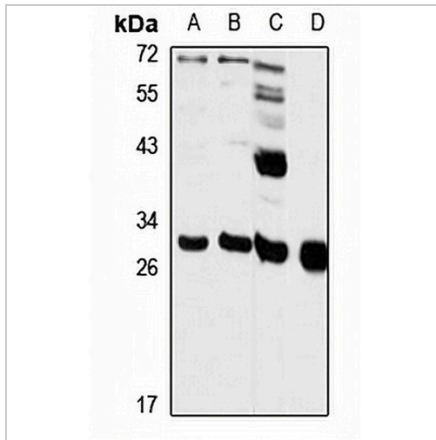
Description	Rabbit polyclonal antibody to DECR1
Specificity	Recognizes endogenous levels of DECR1 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human DECR1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 34; Observed: 34 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	DECR; 2 4-dienoyl-CoA reductase mitochondrial; 2 4-dienoyl-CoA reductase [NADPH]; 4-enoyl-CoA reductase [NADPH]
Gene Symbol	DECR1
Entrez Gene	1666(Human); 67460(Mouse); 117543(Rat)
SwissProt	Q16698(Human); Q9CQ62(Mouse); Q64591(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of DEC1 expression in HEK293T (A), A549 (B), mouse brain (C), rat liver (D) whole cell lysates. (Predicted band size: 34; 36 kD; Observed band size: 34 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.