

Datasheet for ABIN709025

anti-DECR1 antibody (AA 201-300) (HRP)



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Overview

Quantity:	100 µL
Target:	DECR1
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DECR1 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DECR1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	DECR1
Alternative Name:	DECR1 (DECR1 Products)
Background:	Synonyms: 1200012F07Rik, 2, 2,4 dienoyl CoA reductase [NADPH], 2,4 dienoyl CoA reductase 1,

Target Details

2,4 dienoyl CoA reductase mitochondrial, 2,4-dienoyl-CoA reductase, mitochondrial, 4 enoyl CoA reductase, 4-dienoyl-CoA reductase [NADPH], 4-enoyl-CoA reductase [NADPH], DECR 1, DECR, DECR_HUMAN, DECR1, Nadph, OTTMUSP00000004962, RP23-338J24.3, SDR18C1, Short chain dehydrogenase/reductase family 18C member 1.

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. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA.

Gene ID: 1666

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months