

Rabbit anti-Human DECR1 Polyclonal Antibody | anti-DECR1 antibody

DECR1 Antibody

CATALOG # AAA302663	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

DECR1; Polyclonal Antibody; DECR1 Antibody; DECR; NADPH; SDR18C1; anti-DECR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total DECR1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	3.2 mg/ml (varies by lot)
Sequence Length	335
Applicable Applications for anti-DECR1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human 2,4-dienoyl CoA reductase 1, mitochondrial
Target Name	DECR1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human ovarian cancer tissue using at dilution 1/50.



Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): Human endometrial carcinoma and colon cancer tissue, human fetal liver tissue and PC3 cell Amount of lysate: 40ug per lane Primary antibody: 1/300 dilution Secondary antibody dilution: 1/8000 Exposure time: 10 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-DECR1 antibody

This gene encodes an accessory enzyme which participates in the beta-oxidation and metabolism of unsaturated fatty enoyl-CoA esters. 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.

Product Categories/Family for anti-DECR1 antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503301
NCBI GeneID	1666
NCBI Accession #	NP_001350.1
NCBI GenBank Nucleotide #	NM_001359.1
UniProt Accession #	Q16698; Q2M304; Q93085; B7Z6B8
Molecular Weight	34,994 Da
NCBI Official Full Name	2,4-dienoyl-CoA reductase, mitochondrial
NCBI Official Synonym Full Names	2,4-dienoyl CoA reductase 1, mitochondrial
NCBI Official Symbol	DECR1
NCBI Official Synonym Symbols	DECR; NADPH; SDR18C1
NCBI Protein Information	2,4-dienoyl-CoA reductase, mitochondrial
UniProt Protein Name	2,4-dienoyl-CoA reductase, mitochondrial
UniProt Gene Name	DECR1
UniProt Synonym Gene Names	DECR; SDR18C1; 4-enoyl-CoA reductase [NADPH]
UniProt Entry Name	DECR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.