

## DECR1 Conjugated Antibody

Catalog No: #C37524



Package Size: #C37524-AF350 100ul #C37524-AF405 100ul #C37524-AF488 100ul  
 #C37524-AF555 100ul #C37524-AF594 100ul #C37524-AF647 100ul  
 #C37524-AF680 100ul #C37524-AF750 100ul #C37524-Biotin 100ul

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## Description

Product Name	DECR1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DECR1 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human 2,4-dienoyl CoA reductase 1, mitochondrial
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DECR; NADPH; SDR18C1
Accession No.	Swiss-Prot#:Q16698NCBI Gene ID:1666NCBI mRNA#:NCBI Protein#:NP_066288
Uniprot	Q16698
GeneID	1666;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	36
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250  
 AF405 conjugated: most applications: 1: 50 - 1: 250  
 AF488 conjugated: most applications: 1: 50 - 1: 250  
 AF555 conjugated: most applications: 1: 50 - 1: 250  
 AF594 conjugated: most applications: 1: 50 - 1: 250  
 AF647 conjugated: most applications: 1: 50 - 1: 250  
 AF680 conjugated: most applications: 1: 50 - 1: 250  
 AF750 conjugated: most applications: 1: 50 - 1: 250

## Background

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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.

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Note: This product is for in vitro research use only