

DECR2 Polyclonal Antibody

Catalog No :	YT1320
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	DECR2
Fields :	>>Peroxisome
Gene Name :	DECR2
Protein Name :	Peroxisomal 2,4-dienoyl-CoA reductase
Human Gene Id :	26063
Human Swiss Prot No :	Q9NUI1
Mouse Gene Id :	26378
Mouse Swiss Prot No :	Q9WV68
Rat Gene Id :	64461
Rat Swiss Prot No :	Q9Z2M4
Immunogen :	The antiserum was produced against synthesized peptide derived from human DECR2. AA range:217-266
Specificity :	DECR2 Polyclonal Antibody detects endogenous levels of DECR2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.

Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	36kD
Background :	<p>catalytic activity:Trans-2,3-didehydroacyl-CoA + NADP(+) = trans,trans-2,3,4,5-tetradehydroacyl-CoA + NADPH.,function:Auxiliary enzyme of beta-oxidation. Participates in the degradation of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions in peroxisome. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA. 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 step in the peroxisomal degradation of docosahexaenoic acid.,similarity:Belongs to the short-chain dehydrogenases/reductases (SDR) family.,similarity:Belongs to the short-chain dehydrogenases/reductases (SDR) family. 2,4-dienoyl-CoA reductase subfamily.,</p>
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Subcellular Location :	Peroxisome .
Expression :	Brain,Epithelium,Lung,Testis,
Sort :	5076
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

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