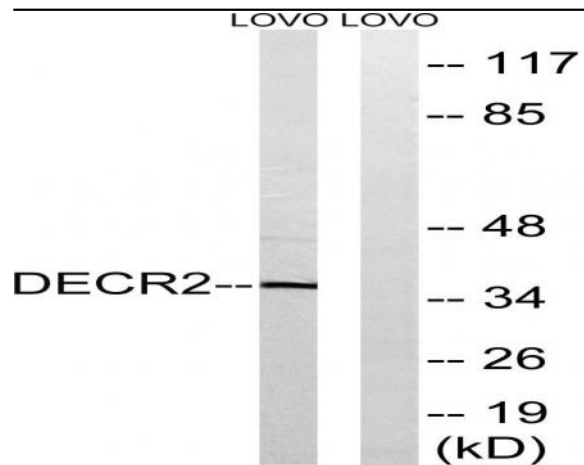


DECR2 Polyclonal Antibody

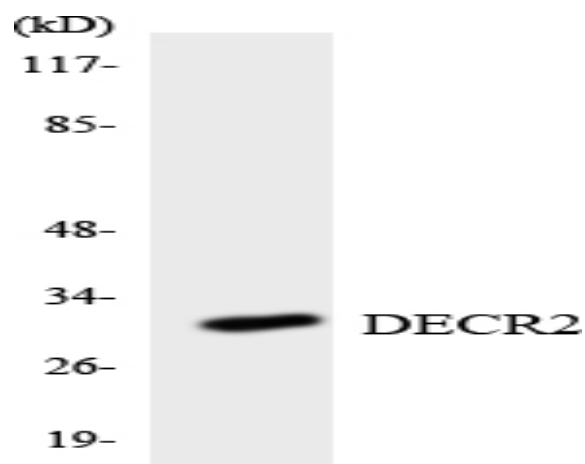
Catalog No :	YT1320
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	DECR2
Fields :	>>Peroxisome
Gene Name :	DECR2
Protein Name :	Peroxisomal 2,4-dienoyl-CoA reductase
Human Gene Id :	26063
Human Swiss Prot No :	Q9NUI1
Mouse Gene Id :	26378
Mouse Swiss Prot No :	Q9WV68
Rat Gene Id :	64461
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,

Products Images



Western blot analysis of lysates from LOVO cells, using DECR2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using DECR2 antibody.