



Anti-DEC1 (aa 236-335) polyclonal antibody (DPAB-DC725)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes an accessory enzyme which participates in the beta-oxidation and metabolism of unsaturated fatty enoyl-CoA esters.
Immunogen	DEC1 (NP_001350, 236 a.a. ~ 335 a.a) partial recombinant protein with GST tag. The sequence is NVIQPGPIKTKGAFSRLDPTGTFEKEMIGRIPCGR LGTVEELANLAAFLCSDYASWINGA VIKFDGGEEVLISGEFNDLRKVTKEQWDTIEELIRKTKGS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	DEC1 2,4-dienoyl CoA reductase 1, mitochondrial [Homo sapiens (human)]
Official Symbol	DEC1

Synonyms	DECR1; 2,4-dienoyl CoA reductase 1, mitochondrial; DECR; NADPH; SDR18C1; 2,4-dienoyl-CoA reductase, mitochondrial; 4-enoyl-CoA reductase; short chain dehydrogenase/reductase family 18C, member 1;
Entrez Gene ID	1666
Protein Refseq	NP_001350
UniProt ID	A0A024R9D7
Chromosome Location	8q21.3
Pathway	Fatty Acid Beta Oxidation; Fatty acid, triacylglycerol, and ketone body metabolism; Metabolism of lipids and lipoproteins; mitochondrial fatty acid beta-oxidation of unsaturated fatty acids
Function	2,4-dienoyl-CoA reductase (NADPH) activity; NADPH binding; oxidoreductase activity, acting on NAD(P)H;