



Anti-DDO (aa 270-369) polyclonal antibody (DPAB-DC3554)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a peroxisomal flavoprotein that catalyzes the oxidative deamination of D-aspartate and N-methyl D-aspartate. Flavin adenine dinucleotide or 6-hydroxyflavin adenine dinucleotide can serve as the cofactor in this reaction. Two transcript variants encoding different isoforms have been found for this gene.
Immunogen	DDO (NP_003640, 270 a.a. ~ 369 a.a) partial recombinant protein with GST tag. The sequence is WNLSPDAENSREILSRCCALEPSLHGACNIREKVLRLPYRPGVRLQTELLARDGQQLPVV HYGHGSGGISVHWGTALEAARLVSECVHALRTPIPKSNL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Tissue lysate), 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	DDO D-aspartate oxidase [Homo sapiens (human)]
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Official Symbol	DDO
Synonyms	DDO; D-aspartate oxidase; DASOX; DDO-1; DDO-2; aspartic oxidase; D-aspartate oxidase, DDO;
Entrez Gene ID	8528
Protein Refseq	NP_003640
UniProt ID	Q99489
Chromosome Location	6q21
Pathway	Alanine, aspartate and glutamate metabolism; Peroxisome;
Function	D-aspartate oxidase activity; cofactor binding; protein binding; receptor binding
