



Anti-NDOR1 (aa 498-595) polyclonal antibody (DPAB-DC1357)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes an NADPH-dependent diflavin reductase that contains both flavin mononucleotide (FMN) and flavin adenine dinucleotide (FAD) binding domains. The encoded protein catalyzes the transfer of electrons from NADPH through FAD and FMN cofactors to potential redox partners. Alternative splicing results in multiple transcript variants.
Immunogen	NDOR1 (NP_055249, 498 a.a. ~ 595 a.a) partial recombinant protein with GST tag. The sequence is EWQELEKRDCLTLIPAFSREQEQKVYVQHRLRELGSLVWELLDRQGAYFYLAGNAKSMAPA DVSEALMSIFQEEGGLCSPDAAAYLARLQQTRRFQTET
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 [NDOR1 NADPH dependent diflavin oxidoreductase 1 \[Homo sapiens \(human\) \]](#)

Official Symbol	NDOR1
Synonyms	NDOR1; NADPH dependent diflavin oxidoreductase 1; NR1; bA350O14.9; NADPH-dependent diflavin oxidoreductase 1; NADPH-dependent FMN and FAD-containing oxidoreductase;
Entrez Gene ID	27158
Protein Refseq	NP_001137498
UniProt ID	Q9UHB4
Chromosome Location	9q34.3
Pathway	Cytosolic iron-sulfur cluster assembly;
Function	FMN binding; NADP binding; NADPH-hemoprotein reductase activity; flavin adenine dinucleotide binding