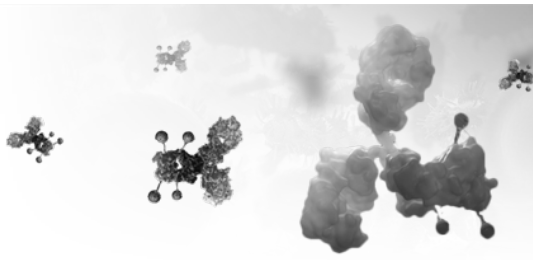

Anti-CYB5R4 (aa 388-487) polyclonal antibody (DPAB-DC2131)

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

PRODUCT INFORMATION

Antigen Description	NCB5OR is a flavohemoprotein that contains functional domains found in both cytochrome b5 (CYB5A; MIM 613218) and CYB5 reductase (CYB5R3; MIM 613213) (Zhu et al., 1999 [PubMed 10611283]).[supplied by OMIM, Jan 2010]
Immunogen	CYB5R4 (NP_057314, 388 a.a. ~ 487 a.a) partial recombinant protein with GST tag. The sequence is VKLMFFNKTEDDIIWRSQLEKLAFKDKRLDVEFVLSAPISEWNGKQGHISPALLSEFLKR NLDKSKVLVCICGPVPFTEQGVRLLHDLNFSKNEIHSFTA
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	CYB5R4 cytochrome b5 reductase 4 [Homo sapiens (human)]

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Official Symbol	CYB5R4
Synonyms	CYB5R4; cytochrome b5 reductase 4; NCB5OR; cb5/cb5R; dJ676J13.1; flavohemoprotein b5+b5R; flavohemoprotein b5/b5R; NADPH cytochrome B5 oxidoreductase; cytochrome b-type NAD(P)H oxidoreductase; N-terminal cytochrome b5 and cytochrome b5 oxidoreductase domain-containing protein;
Entrez Gene ID	51167
Protein Refseq	NP_057314
UniProt ID	Q7L1T6
Chromosome Location	6pter-q22.33
Pathway	cytochrome P45.
Function	NAD(P)H oxidase activity; NOT NAD(P)H oxidase activity; NADPH-hemoprotein reductase activity; cytochrome-b5 reductase activity, acting on NAD(P)H

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