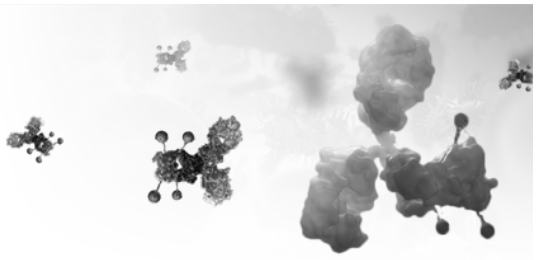

Anti-DHODH (aa 32-140) polyclonal antibody (DPAB-DC758)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene catalyzes the fourth enzymatic step, the ubiquinone-mediated oxidation of dihydroorotate to orotate, in de novo pyrimidine biosynthesis. This protein is a mitochondrial protein located on the outer surface of the inner mitochondrial membrane.
Immunogen	DHODH (NP_001352, 32 a.a. ~ 140 a.a) partial recombinant protein with GST tag. The sequence is GDERFYAEHLMPTLQGLLDPESAHRLAVRFTSLGLLPRARFQDSDMLEVRVLGHKFRNPV GIAAGFDKHGEAVDGLYKMGFGFVEIGSVTPKPQEGNPRPRVFRLPEDQ
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	DHODH dihydroorotate dehydrogenase (quinone) [Homo sapiens (human)]

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Official Symbol	DHODH
Synonyms	DHODH; dihydroorotate dehydrogenase (quinone); URA1; POADS; DHOdehase; dihydroorotate dehydrogenase (quinone), mitochondrial; dihydroorotate oxidase; human complement of yeast URA1;
Entrez Gene ID	1723
Protein Refseq	NP_001352
UniProt ID	Q02127
Chromosome Location	16q22
Pathway	Metabolism; Pyrimidine biosynthesis; Pyrimidine metabolism; UMP
Function	FMN binding; dihydroorotate dehydrogenase activity; dihydroorotate oxidase activity; drug binding

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