



Anti-DLD (C-terminal) polyclonal antibody (DPABH-13630)

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

PRODUCT INFORMATION

Antigen Description	Lipoamide dehydrogenase is a component of the glycine cleavage system as well as of the alpha-ketoacid dehydrogenase complexes. Involved in the hyperactivation of spermatazoa during capacitation and in the spermatazoal acrosome reaction.
Immunogen	Synthetic peptide corresponding to a sequence at the C-terminal of Human Lipoamide Dehydrogenase.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat, Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB, IHC-P, IHC-Fr, ICC
Format	Liquid
Size	100 µg
Buffer	Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Sodium phosphate
Preservative	0.025% Sodium Azide
Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	DLD dihydrolipoamide dehydrogenase [Homo sapiens]
Official Symbol	DLD
Synonyms	DLD; dihydrolipoamide dehydrogenase; E3; LAD; DLDD; DLDH; GCSL; PHE3; dihydrolipoyl dehydrogenase, mitochondrial; diaphorase; lipoamide reductase; lipoyl dehydrogenase; lipoamide dehydrogenase; glycine cleavage system L protein; glycine cleavage system protein L; E3 component of pyruvate dehydrogenase complex, 2-oxo-glutarate complex, branched chain keto acid dehydrogenase complex;
Entrez Gene ID	1738
Protein Refseq	NP_000099.2
UniProt ID	A0A024R713
Pathway	2-oxobutanoate degradation I; 2-oxoglutarate decarboxylation to succinyl-CoA; 2-oxoisovalerate decarboxylation to isobutanoyl-CoA; Branched-chain amino acid catabolism
Function	dihydrolipoyl dehydrogenase activity; flavin adenine dinucleotide binding;