



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

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

## PRODUCT INFORMATION

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

## GENE INFORMATION

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<b>Gene Name</b>	<a href="#">DLD dihydrolipoamide dehydrogenase [ Homo sapiens ]</a>
<b>Official Symbol</b>	DLD
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">1738</a>
<b>Protein Refseq</b>	<a href="#">NP_000099.2</a>
<b>UniProt ID</b>	<a href="#">A0A024R713</a>
<b>Pathway</b>	2-oxobutanoate degradation I; 2-oxoglutarate decarboxylation to succinyl-CoA; 2-oxoisovalerate decarboxylation to isobutanoyl-CoA; Branched-chain amino acid catabolism
<b>Function</b>	dihydrolipoyl dehydrogenase activity; flavin adenine dinucleotide binding;

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