



Rabbit Anti-LDHD antibody

SL6272R

Product Name:	LDHD
Chinese Name:	乳酸脱氢酶D抗体
Alias:	D lactate dehydrogenase; DLD; Lactate dehydrogenase D; MGC57726; LDHD_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	55kDa
Cellular localization:	cytoplasmic Mitochondrion
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human LDHD:351-450/507
Isotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	LDHD belongs to the D-isomer specific 2-hydroxyacid dehydrogenase family. D-lactate and D-glycerate dehydrogenase activities have been found in a similar protein in yeast. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. Subunit:

nteracts with CSRP3.

Subcellular Location:

Mitochondrion

Tissue Specificity:

Expressed moderately in heart and liver and at lower levels in skeletal muscle and kidney.

Similarity:

Belongs to the FAD-binding oxidoreductase/transferase type 4 family.
Contains 1 FAD-binding PCMH-type domain.

SWISS:

Q86WU2

Gene ID:

197257

Database links:

[Entrez Gene: 197257](#)Human

[Entrez Gene: 52815](#)Mouse

[Entrez Gene: 307858](#)Rat

[Omim: 607490](#)Human

[SwissProt: Q86WU2](#)Human

[SwissProt: Q7TNG8](#)Mouse

[Unigene: 380929](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.