

LDHD Polyclonal Antibody

Catalog No :	YN5523
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	LDHD
Fields :	>>Pyruvate metabolism;>>Metabolic pathways
Gene Name :	LDHD
Protein Name :	Probable D-lactate dehydrogenase, mitochondrial
Human Gene Id :	197257
Human Swiss Prot No :	Q86WU2
Mouse Gene Id :	52815
Mouse Swiss Prot No :	Q7TNG8
Immunogen :	Recombinant Protein of LDHD
Specificity :	The antibody detects endogenous LDHD protein.
Formulation :	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-5000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band :	55kD
Cell Pathway :	Pyruvate metabolism;
Background :	The protein encoded by this gene belongs to the D-isomer specific 2-hydroxyacid dehydrogenase family. The similar protein in yeast has both D-lactate and D-glycerate dehydrogenase activities. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Jul 2008],
Function :	catalytic activity:(R)-lactate + 2 ferricytochrome c = pyruvate + 2 ferrocycytochrome c.,cofactor:FAD.,similarity:Belongs to the FAD-binding oxidoreductase/transferase type 4 family.,similarity:Contains 1 FAD-binding PCMH-type domain.,subunit:Interacts with CSRP3.,tissue specificity:Expressed moderately in heart and liver and at lower levels in skeletal muscle and kidney.,
Subcellular Location :	Mitochondrion .
Expression :	Expressed moderately in heart and liver and at lower levels in skeletal muscle and kidney.
Sort :	17579
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

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