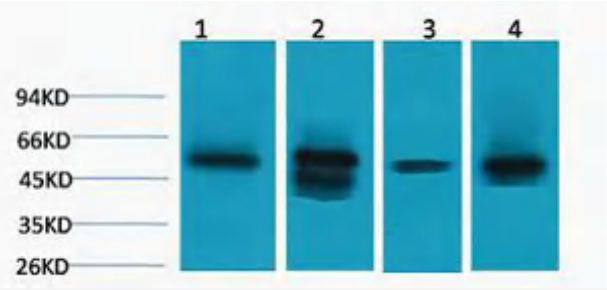
LDHD Polyclonal Antibody

Catalog No	YP-Ab-01196
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	LDHD
Protein Name	Probable D-lactate dehydrogenase, mitochondrial
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1:1000-5000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Probable D-lactate dehydrogenase, mitochondrial (DLD) (Lactate dehydrogenase D) (EC 1.1.2.4)
Observed Band	55kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Expressed moderately in heart and liver and at lower levels in skeletal muscle and kidney.
Function	catalytic activity:(R)-lactate + 2 ferricytochrome c = pyruvate + 2 ferrocytochrome 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.,
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],
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of 1) Hela, 2) Mouse Skeletal Muscle, 3) Mouse Liver, 4) Rat Kidney, diluted at 1:5000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000