



LDHC Polyclonal Antibody

Catalog No	YP-Ab-05699
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	LDHC LDH3 LDHX
Immunogen	Synthesized peptide derived from human protein . at AA range: 170-250
Specificity	LDHC Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	LDHC;LDH3;LDH X;LDH C;LDH;LDHC LDH3 LDHX;L-lactate dehydrogenase C chain (LDH-C) (EC 1.1.1.27) (Cancer/testis antigen 32) (CT32) (LDH testis subunit) (LDH-X)
Observed Band	36kD
Calculated Molecular Weight	36kD
Cell Pathway	Cytoplasm.
Tissue Specificity	Brain,Testis,
Function	catalytic activity:(S)-lactate + NAD(+) = pyruvate + NADH.,function:Possible role in sperm motility.,online information:Lactate dehydrogenase entry, pathway:Fermentation; pyruvate fermentation to lactate; (S)-lactate from pyruvate: step 1/1.,similarity:Belongs to the LDH/MDH superfamily. LDH family., subunit:Homotetramer.,
Background	Lactate dehydrogenase C catalyzes the conversion of L-lactate and NAD to pyruvate and NADH in the final step of anaerobic glycolysis. LDHC is testis-specific and belongs to the lactate dehydrogenase family. Two transcript variants have been detected which differ in the 5' untranslated region. [provided by RefSeq, Jul 2008],

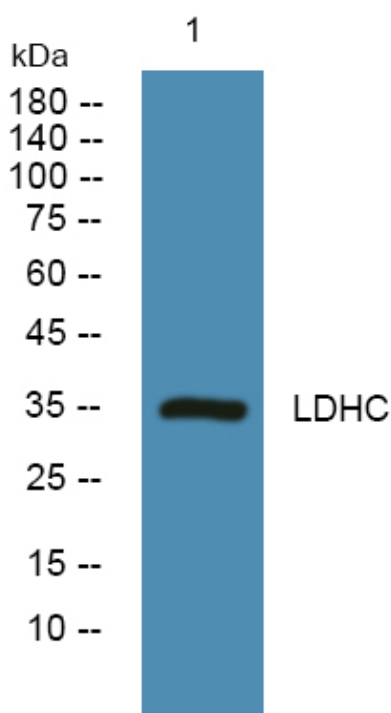
**matters needing attention**

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 lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night