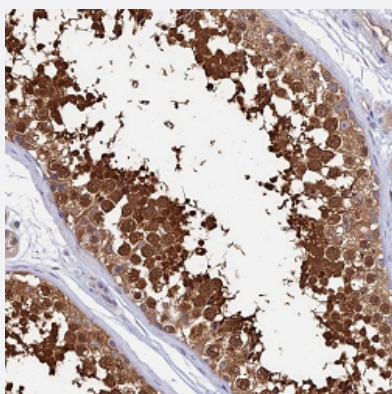


LDHC polyclonal antibody

Catalog # PAB28316 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human testis with LDHC polyclonal antibody (Cat # PAB28316) shows strong cytoplasmic and nuclear positivity in cells in seminiferous ducts at 1:2500 - 1:5000 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant LDHC.
Immunogen	Recombinant protein corresponding to amino acids of recombinant LDHC.
Sequence	MSTVKEQLIEKLIEDDENSQCKITVGTGAVG
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:2500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — LDHC

Entrez GeneID[3948](#)**Protein Accession#**[P07864](#)**Gene Name**

LDHC

Gene Alias

CT32, LDH3, LDHX, MGC111073

Gene Description

lactate dehydrogenase C

Omim ID[150150](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

L-lactate dehydrogenase C|cancer/testis antigen 32

Pathway

- [Cysteine and methionine metabolism](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)
- [Propanoate metabolism](#)

- [Pyruvate metabolism](#)