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ProSci Incorporated
12170 Flint Place
Poway, CA 92064

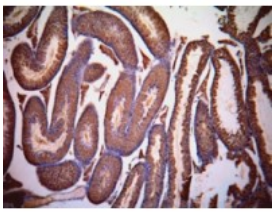
Toll Free: +1 (888) 513 9525
Local: +1 (858) 513 2638
Fax: +1 (858) 513 2692

techsupport@prosci-inc.com

LDHC Antibody

CATALOG NUMBER: 45-826

Western Blot (0.03ug/ml) staining of Mouse Testis lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry (1ug/ml) staining of paraffin embedded Mouse Testis. Data kindly provided by Dr. Erwin Goldberg, Northwestern University, Evanston, IL USA.

Specifications

SPECIES REACTIVITY:	Mouse
TESTED APPLICATIONS:	ELISA, IHC-P, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:16000. Western Blot: Approx 30-35kDa band observed in Mouse Testis lysates (calculated MW of 36.6kDa according to human NP_002292.1 and 35.9kDa according to mouse NP_038608.1). Recommended concentration: 0.03-0.1ug/ml. Immunohistochemistry: Strong signal in seminiferous tubules of Mouse Testis.
POSITIVE CONTROL:	1) Cat. No. 1416 - Mouse Testis Tissue Lysate
SPECIFICITY:	Both variants represent identical product (NP_002292.1 and NP_059144.1).
IMMUNOGEN:	LDHC antibody was raised against a 15 amino acid synthetic peptide near the Internal region of LDHC (aa 217-231).
HOST SPECIES:	Goat

Properties

PURIFICATION:	LDHC antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	LDHC antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	LDHC, lactate dehydrogenase C, LDH3, LDHX, MGC111073
ACCESSION NO.:	NP_002292.1, NP_059144.1

PROTEIN GI NO.:	4504973
OFFICIAL SYMBOL:	LDHC
GENE ID:	3948

Background

REFERENCES:	1) Mazzotta S, Guerranti R, Gozzetti A, Bucalossi A, Bocchia M, Sammassimo S, Petralia S, Ogueli GI, Lauria F. Increased serum lactate dehydrogenase isoenzymes in Ph-negative chronic myeloproliferative diseases: a metabolic adaptation? Hematology. 2006 Aug;11(4):239-44.

FOR RESEARCH USE ONLY

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