

Product Datasheet

Lactate Dehydrogenase C Antibody NB100-68160

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-68160**Lactate Dehydrogenase C Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	3948
Gene Symbol	LDHC
Species	Human, Mouse
Specificity/Sensitivity	Both variants represent identical product (NP_002292.1 and NP_059144.1).
Immunogen	Peptide with sequence C-DSDKEHWKNVHKQ corresponding to internal region according to NP_002292.1, NP_059144.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.3-1ug/ml, Immunohistochemistry 5-6 ug/ml, Immunohistochemistry-Paraffin 5-6 ug/ml, Peptide ELISA Detection limit 1:1000
Application Notes	Western blot: Approx 35kDa band observed in Mouse Testis lysates (calculated MW of 35.9kDa according to Mouse NP_038608.1). Primary incubation was 1 hour.

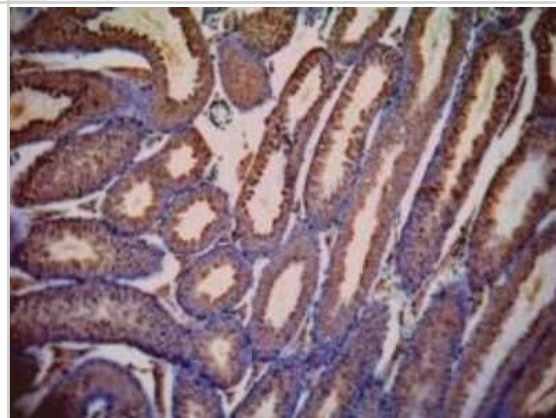


Images

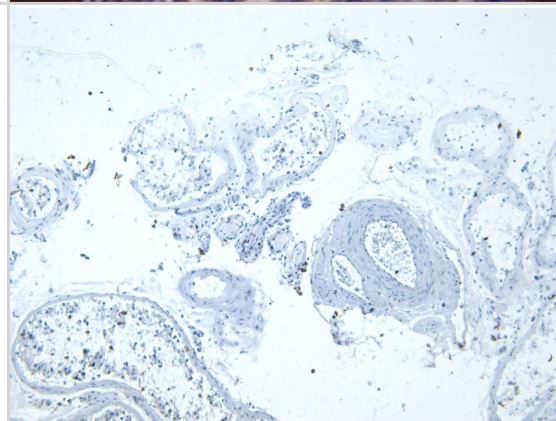
Western Blot: Lactate Dehydrogenase C Antibody [NB100-68160] - (1ug/ml) staining of Mouse Testes lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

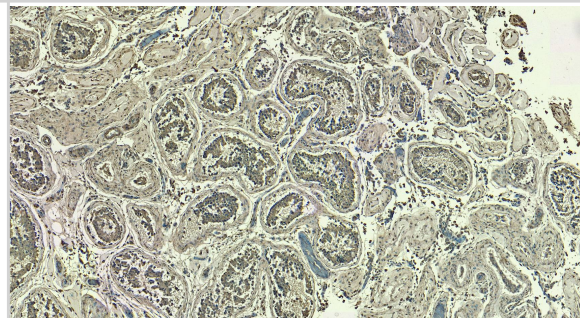
Immunohistochemistry-Paraffin: Lactate Dehydrogenase C Antibody [NB100-68160] - Staining of Mouse Testis. (1ug/ml). Data kindly provided by Dr. Erwin Goldberg, Northwestern University, Evanston, IL USA.



Immunohistochemistry-Paraffin: Lactate Dehydrogenase C Antibody [NB100-68160] - Negative Control showing staining of paraffin embedded Human Testis, with no primary antibody.



Immunohistochemistry-Paraffin: Lactate Dehydrogenase C Antibody [NB100-68160] - (5ug/ml) staining of paraffin embedded Human Testis. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



Publications

Mazzotta S, Guerranti R, Gozzetti A et al. Increased serum lactate dehydrogenase isoenzymes in Ph-negative chronic myeloproliferative diseases: a metabolic adaptation? Hematology 2006-08-01 [PMID: 17178662]



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Products Related to NB100-68160

NBL1-12473	Lactate Dehydrogenase C Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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