

Product Datasheet

Lactate Dehydrogenase A/LDHA Antibody NBP2-19320

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-19320**Lactate Dehydrogenase A/LDHA Antibody**

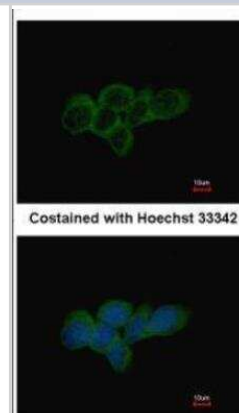
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	37 kDa

Product Description	
Host	Rabbit
Gene ID	3939
Gene Symbol	LDHA
Species	Human, Mouse, Rat
Reactivity Notes	Xenopus laevis (80%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Lactate Dehydrogenase A/LDHA. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

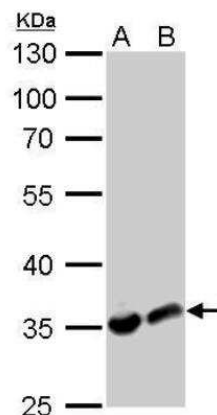
Immunocytochemistry/Immunofluorescence: Lactate Dehydrogenase A/LDHA Antibody [NBP2-19320] - Analysis of methanol-fixed A431, using LDHA antibody at 1:500 dilution.



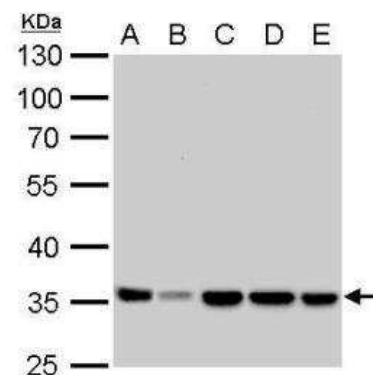
Immunohistochemistry-Paraffin: Lactate Dehydrogenase A/LDHA Antibody [NBP2-19320] - Mouse liver. LDHA stained by LDHA antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



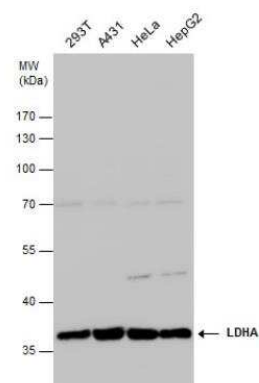
Western Blot: Lactate Dehydrogenase A/LDHA Antibody [NBP2-19320] - A. 30 ug PC-12 whole cell lysate/extract B. 30 ug Rat2 whole cell lysate/extract 10% SDS-PAGE LDHA antibody dilution: 1:1000 The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



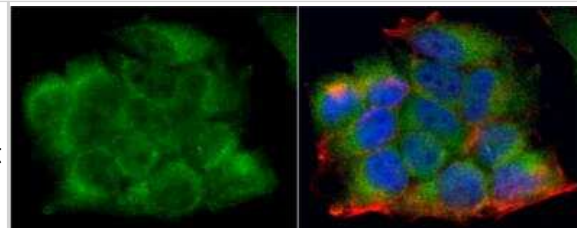
Western Blot: Lactate Dehydrogenase A/LDHA Antibody [NBP2-19320] - A. 30 ug Neuro2A whole cell lysate/extract B. 30 ug C8D30 whole cell lysate/extract C. 30 ug NIH-3T3 whole cell lysate/extract D. 30 ug Raw264.7 whole cell lysate/extract E. 30 ug C2C12 whole cell lysate/extract 10% SDS-PAGE LDHA antibody dilution: 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



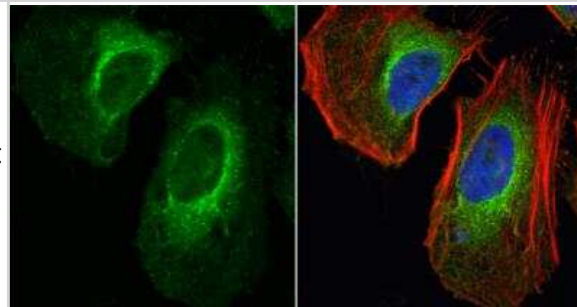
Western Blot: Lactate Dehydrogenase A/LDHA Antibody [NBP2-19320] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with LDHA antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



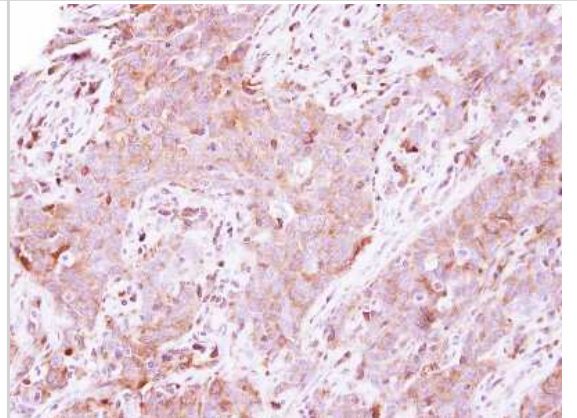
Immunocytochemistry/Immunofluorescence: Lactate Dehydrogenase A/LDHA Antibody [NBP2-19320] - MCF7 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: LDHA protein stained by LDHA antibody diluted at 1:1000. Red: phalloidin, a cytoskeleton marker, stained by phalloidin (invitrogen, A12380) diluted at 1:200. Blue: Hoechst 33342 staining.



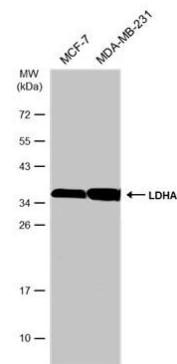
Immunocytochemistry/Immunofluorescence: Lactate Dehydrogenase A/LDHA Antibody [NBP2-19320] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: LDHA protein stained by LDHA antibody diluted at 1:1000. Red: phalloidin, a cytoskeleton marker, stained by phalloidin (invitrogen, A12380) diluted at 1:200. Blue: Hoechst 33342 staining.



Immunohistochemistry-Paraffin: Lactate Dehydrogenase A/LDHA Antibody [NBP2-19320] - Human lung papillary adenocarcinoma, using LDHA antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Western Blot: Lactate Dehydrogenase A/LDHA Antibody [NBP2-19320] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Lactate Dehydrogenase A/LDHA antibody (NBP2-19320) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Silagi ES, Novais EJ, Bisetto S et al. Lactate Efflux from Intervertebral Disc Cells is Required for Maintenance of Spine Health J. Bone Miner. Res. 2019-11-06 [PMID: 31692093] (IF/IHC, IHC-P, Mouse)



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Products Related to NBP2-19320

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-48336PEP	Lactate Dehydrogenase A/LDHA Antibody Blocking Peptide

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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