

Product Datasheet

GLDC Antibody NBP1-32907

Unit Size: 100 ul

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

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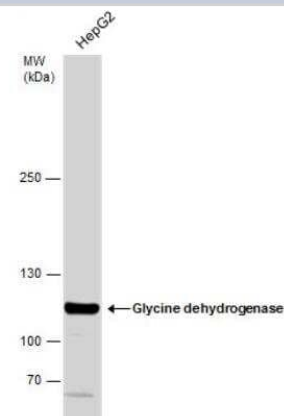
NBP1-32907**GLDC Antibody**

Product Information	
Unit Size	100 ul
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, 20% Glycerol, 1% BSA
Target Molecular Weight	113 kDa
Product Description	
Description	Novus Biologicals Rabbit GLDC Antibody (NBP1-32907) is a polyclonal antibody validated for use in IHC, WB, ICC/IF, Simple Western and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2731
Gene Symbol	GLDC
Species	Human, Mouse, Rat
Reactivity Notes	Chicken (85%), Xenopus laevis (86%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human GLDC. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:3000, Simple Western 1:200, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000
Application Notes	In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in HepG2 lysate 0.2 mg/mL, separated by Size, antibody dilution of 1:200, apparent MW was 111 kDa.

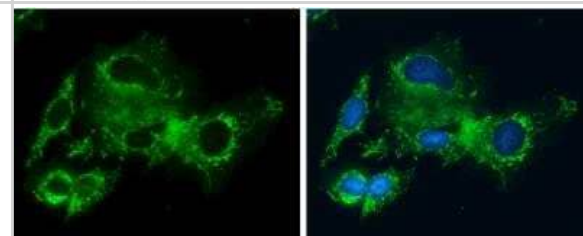


Images

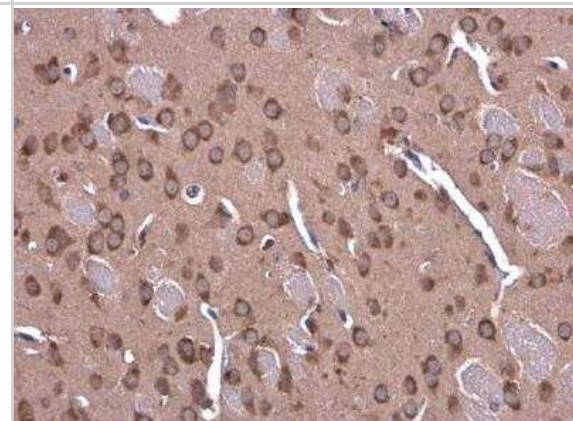
Western Blot: GLDC Antibody [NBP1-32907] - Whole cell extract (30 ug) was separated by 5% SDS-PAGE, and the membranes were blotted with Glycine dehydrogenase antibody [N3C2-2], Internal diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



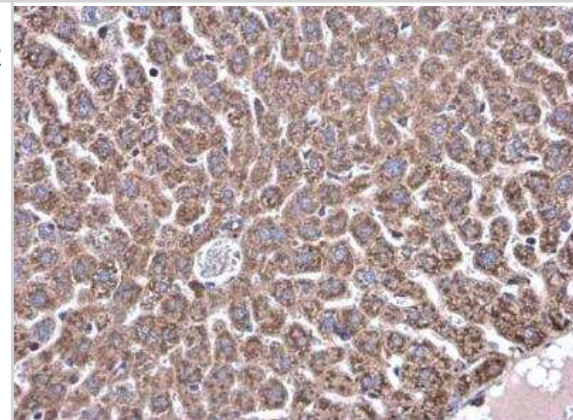
Immunocytochemistry/Immunofluorescence: GLDC Antibody [NBP1-32907] - Hep G2 cells were fixed in ice-cold MeOH for 5 min. Green: Glycine dehydrogenase protein stained by Glycine dehydrogenase antibody [N3C2-2], Internal diluted at 1:400. Blue: Hoechst 33342 staining.



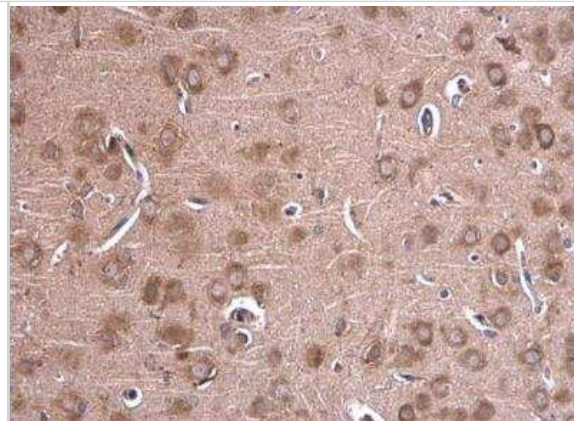
Immunohistochemistry-Paraffin: GLDC Antibody [NBP1-32907] - Paraffin-embedded mouse brain. Glycine dehydrogenase antibody [N3C2-2], Internal diluted at 1:500.



Immunohistochemistry-Paraffin: GLDC Antibody [NBP1-32907] - Paraffin-embedded mouse liver. Glycine dehydrogenase antibody [N3C2-2], Internal diluted at 1:500.



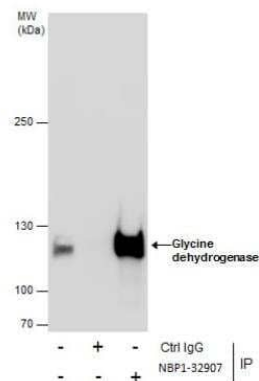
Immunohistochemistry-Paraffin: GLDC Antibody [NBP1-32907] - Paraffin-embedded rat brain. Glycine dehydrogenase antibody [N3C2-2], Internal diluted at 1:500



Simple Western: GLDC Antibody [NBP1-32907] - Simple Western lane view shows a specific band for GLDC in 0.2 mg/ml of HepG2 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Immunoprecipitation: GLDC Antibody [NBP1-32907] - Immunoprecipitation of Glycine dehydrogenase protein from HepG2 whole cell extracts using 5 ug of Glycine dehydrogenase antibody [N3C2-2], Internal. Western blot analysis was performed using Glycine dehydrogenase antibody [N3C2-2], Internal. EasyBlot anti-Rabbit IgG (was used as a secondary reagent).





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Products Related to NBP1-32907

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-38682PEP	GLDC Recombinant Protein Antigen

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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