

Product Datasheet

PHGDH Antibody NBP2-19801

Unit Size: 0.1 ml

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

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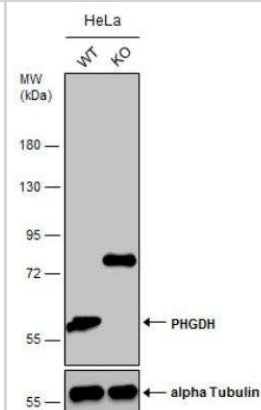
NBP2-19801

PHGDH Antibody

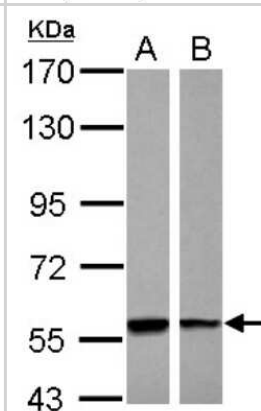
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	57 kDa
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit PHGDH Antibody (NBP2-19801) is a polyclonal antibody validated for use in IHC and WB. Anti-PHGDH Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	26227
Gene Symbol	PHGDH
Species	Human, Rat
Reactivity Notes	Chimpanzee (100%), Bovine (83%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human PHGDH. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:20000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000, Knockout Validated

Images

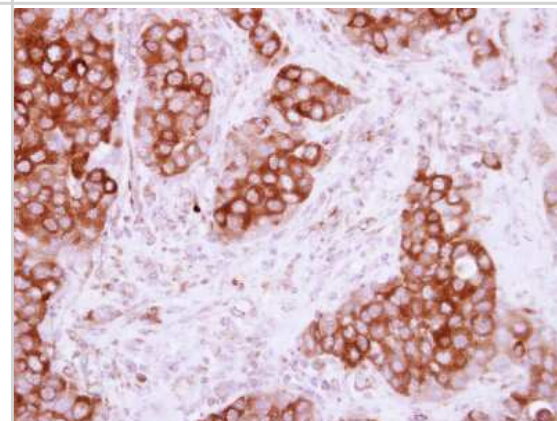
Western Blot: PHGDH Antibody [NBP2-19801] - Wild-type (WT) and PHGDH knockout (KO) HeLa cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with PHGDH antibody [N3C2], Internal. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



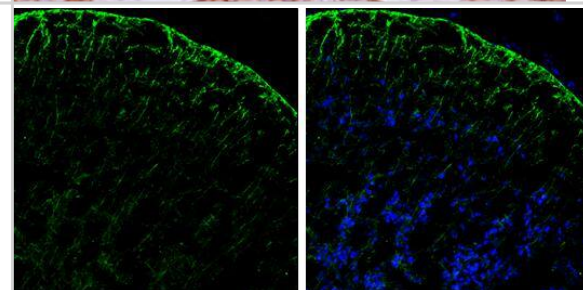
Western Blot: PHGDH Antibody [NBP2-19801] - Sample (30 ug of whole cell lysate) A: A431 B: Raji 7.5% SDS PAGE gel, diluted at 1:10000.



Immunohistochemistry-Paraffin: PHGDH Antibody [NBP2-19801] - Immunohistochemical analysis of paraffin-embedded Breast ca, using antibody at 1:250 dilution.



PHGDH antibody [N3C2], Internal detects PHGDH protein by immunohistochemical analysis. Sample: Frozen-sectioned rat E13.5 brain. Green: PHGDH stained by PHGDH antibody [N3C2], Internal (NBP2-19801) diluted at 1:250. Blue: Fluoroshield with DAPI .



Publications

Samanta D, Park Y, Andrabi SA et al. PHGDH Expression is Required for Mitochondrial Redox Homeostasis, Breast Cancer Stem Cell Maintenance and Lung Metastasis. *Cancer Res.* 2016-06-08 [PMID: 27280394] (WB, Human)



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Products Related to NBP2-19801

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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