

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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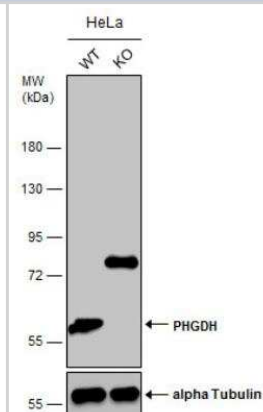
NBP2-19801**PHGDH Antibody**

| 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 (pH 7), 20% Glycerol, 1% BSA |
| 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 |

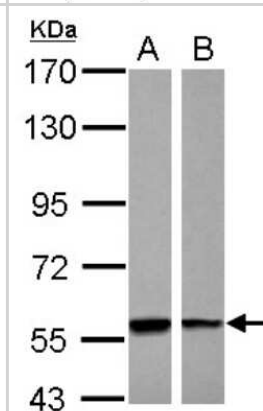


Images

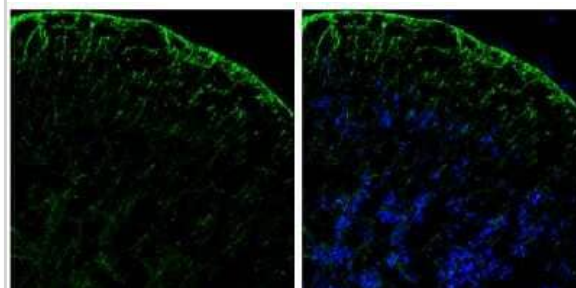
Western Blot: PHGDH Antibody [NBP2-19801] - Wild-type (WT) and PHGDH knockout (KO) HeLa cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with PHGDH antibody [N3C2], Internal. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



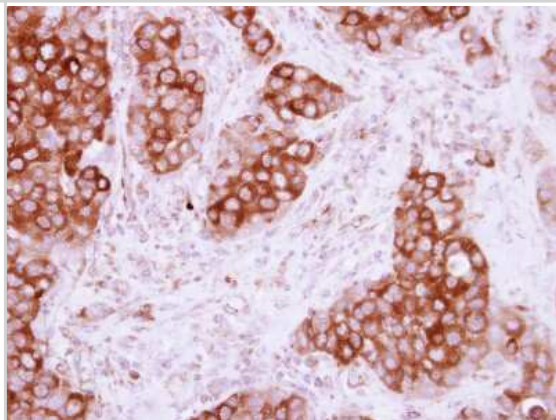
Western Blot: PHGDH Antibody [NBP2-19801] - Sample (30 ug of whole cell lysate) A: A431 B: Raji 7. 5% SDS PAGE gel, diluted at 1:10000.



Immunohistochemistry-Frozen: PHGDH Antibody [NBP2-19801] - Frozen-sectioned rat E13.5 brain. Green: PHGDH stained by PHGDH antibody [N3C2], Internal diluted at 1:250. Blue: Fluoroshield with DAPI.



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



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

| | |
|---------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| NBP1-87310PEP | PHGDH 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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