

Product Datasheet

PGK1 Antibody - BSA Free

NBP2-19784

Unit Size: 0.1 ml

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

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NBP2-19784

PGK1 Antibody - BSA Free

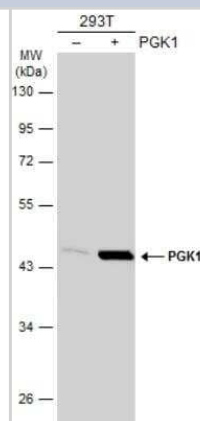
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	45 kDa

Product Description	
Host	Rabbit
Gene ID	5230
Gene Symbol	PGK1
Species	Human, Mouse, Rat, Yeast
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Zebrafish (87%), Xenopus laevis (84%), Chicken (88%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human PGK1. The exact sequence is proprietary.

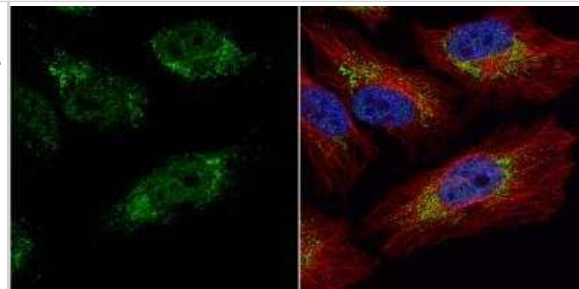
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Proximity Ligation Assay
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:20-1:1000, Immunoprecipitation Assay dependent, Immunohistochemistry-Paraffin 1:100-1:1000, Proximity Ligation Assay Assay dependent

Images

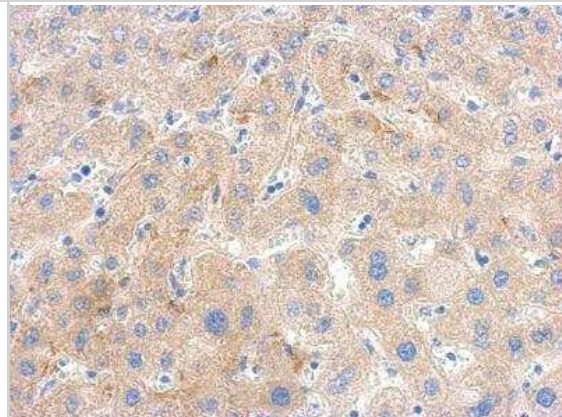
Western Blot: PGK1 Antibody [NBP2-19784] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with PGK1 antibody diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



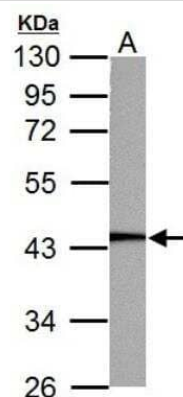
Immunocytochemistry/Immunofluorescence: PGK1 Antibody [NBP2-19784] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: PGK1 protein stained by PGK1 antibody diluted at 1:20. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [B-5-1-2] diluted at 1:10000. Blue: Hoechst 33342 staining.



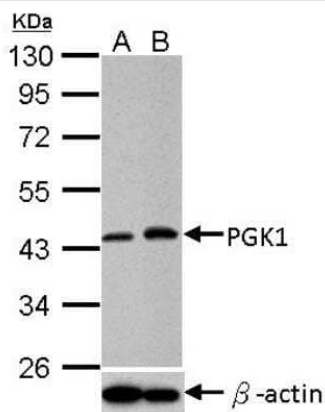
Immunohistochemistry-Paraffin: PGK1 Antibody [NBP2-19784] - Analysis of paraffin-embedded hepatoma, using antibody at 1:500 dilution.



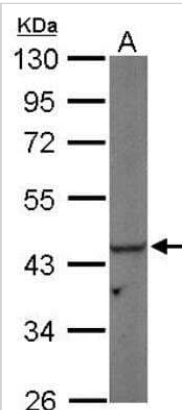
Western Blot: PGK1 Antibody [NBP2-19784] - PGK1 antibody detects PGK1 protein by Western blot analysis. 50 ug Rat liver lysate/extract, 10% SDS-PAGE, PGK1 antibody dilution: 1:1000.



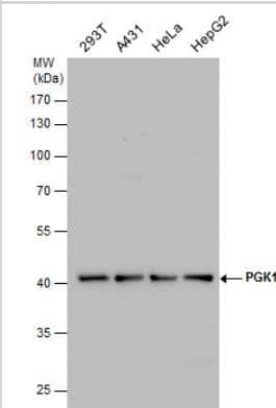
Western Blot: PGK1 Antibody [NBP2-19784] - PGK1 antibody detects PGK1 protein in 1% O₂-treated samples by Western blot analysis. Upper panel: PGK1 antibody. Lower panel: beta Actin antibody. A: 30 ug HeLa whole cell lysate/extract (untreated). B: 30 ug HeLa whole cell lysate/extract (1% O₂ treatment for 24 hours).



Western Blot: PGK1 Antibody [NBP2-19784] - 50 ug mouse brain whole cell lysate, 10% SDS PAGE, antibody at 1:1000.



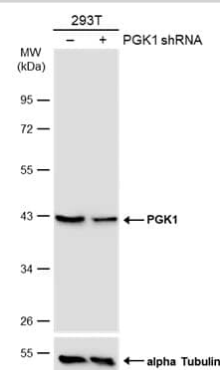
Western Blot: PGK1 Antibody [NBP2-19784] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with PGK1 antibody diluted by 1:1000.



Immunocytochemistry/Immunofluorescence: PGK1 Antibody [NBP2-19784] - Analysis of methanol-fixed HeLa, using antibody at 1:50 dilution.



Western Blot: PGK1 Antibody [NBP2-19784] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with PGK1 antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Khurana N, Laskar S, Bhattacharyya MK, Bhattacharyya S. Hsp90 induces increased genomic instability towards DNA damaging agents by tuning down RAD53 transcription. Mol. Biol. Cell 2016-06-15 [PMID: 27307581] (WB)



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Products Related to NBP2-19784

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-54721PEP	PGK1 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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