

Product Datasheet

Phosphoglucomutase 5 Antibody - BSA Free NBP2-62654

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 1

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NBP2-62654

Phosphoglucomutase 5 Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

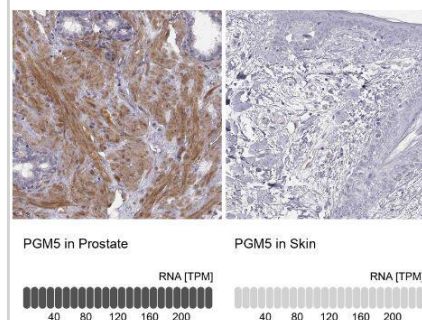
Description	Novus Biologicals Rabbit Phosphoglucomutase 5 Antibody - BSA Free (NBP2-62654) is a polyclonal antibody validated for use in IHC and WB. Anti-Phosphoglucomutase 5 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5239
Gene Symbol	PGM5
Species	Human
Reactivity Notes	Rat (89%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: KDGLWAVLVWLSIIAARKQSVEEIVRDHWAKFGRHYCRYFDYEGLDPKTTYIM RDLEALVTDKSFQGGQFAVGSHVYSVAKTDS

Product Application Details

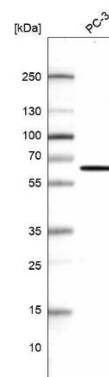
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

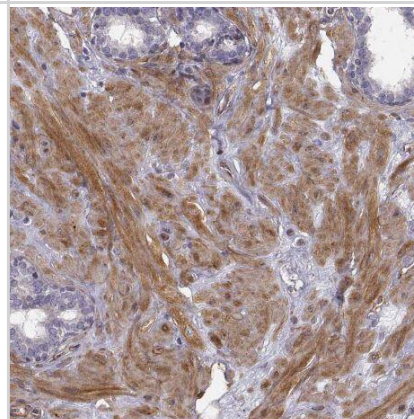
Immunohistochemistry-Paraffin: Phosphoglucomutase 5 Antibody [NBP2-62654] -Analysis in human prostate and skin tissues using NBP2-62654 antibody. Corresponding PGM5 RNA-seq data are presented for the same tissues.



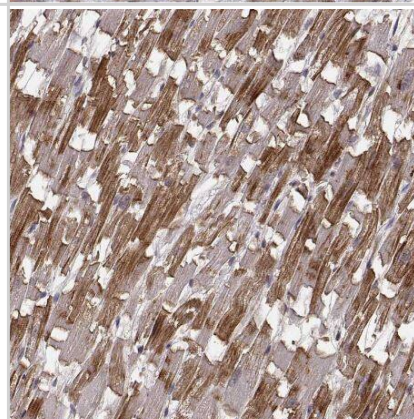
Western Blot: Phosphoglucomutase 5 Antibody [NBP2-62654] -Analysis in human cell line PC-3.



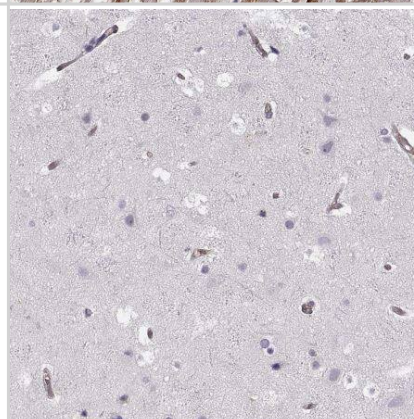
Immunohistochemistry-Paraffin: Phosphoglucomutase 5 Antibody [NBP2-62654] -Staining of human prostate shows moderate cytoplasmic positivity in smooth muscle cells.



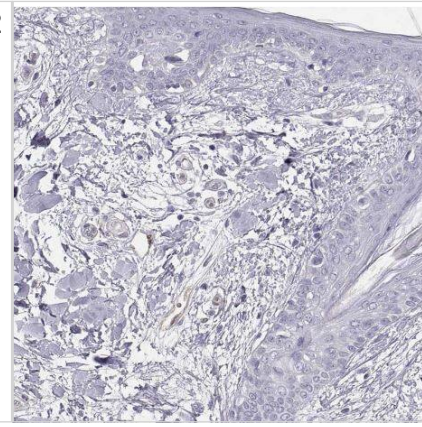
Immunohistochemistry-Paraffin: Phosphoglucomutase 5 Antibody [NBP2-62654] -Staining of human heart muscle shows strong cytoplasmic positivity in cardiomyocytes.



Immunohistochemistry-Paraffin: Phosphoglucomutase 5 Antibody [NBP2-62654] -Staining of human cerebral cortex shows weak cytoplasmic positivity in endothelial cells.



Immunohistochemistry-Paraffin: Phosphoglucomutase 5 Antibody [NBP2-62654] -Staining of human skin shows negative positivity in squamous epithelial cells as expected.



Publications

Sun J, Wang F, Zhou H et al. Downregulation of PGM5 expression correlates with tumor progression and poor prognosis in human prostate cancer Discover. Oncology 2022-07-12 [PMID: 35819729]



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Products Related to NBP2-62654

NBP2-62654PEP	Phosphoglucosyltransferase 5 Recombinant Protein Antigen
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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