

PGK2 Rabbit Polyclonal Antibody

Catalog No: #53476



Package Size: #53476-1 50ul #53476-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

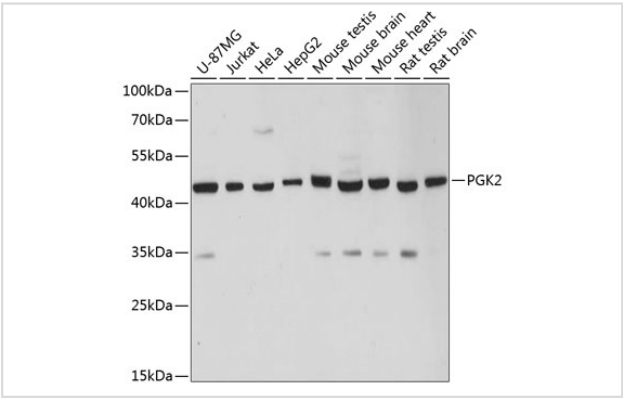
Description

Product Name	PGK2 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human PGK2 (NP_620061.2).
Other Names	PGK2;HEL-S-272;PGKB;PGKPS;dJ417L20.2
Accession No.	Swiss Prot:P07205GenelD:5232
Uniprot	P07205
Calculated MW	44kDa
SDS-PAGE MW	45kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

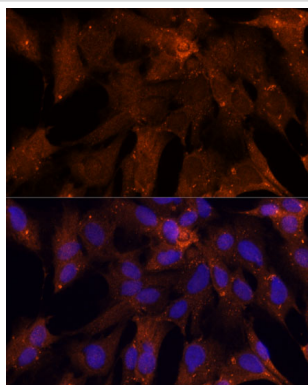
Application Details

WB1:500 - 1:2000IHC1:50 - 1:100IF1:50 - 1:100

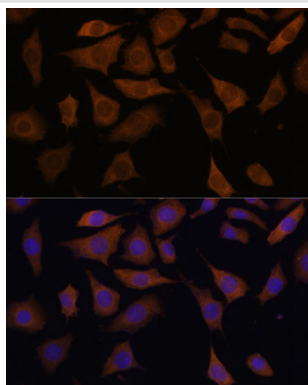
Images



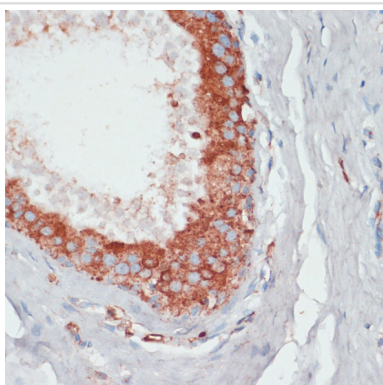
Western blot analysis of extracts of various cell lines, using PGK2 at 1:3000 dilution.



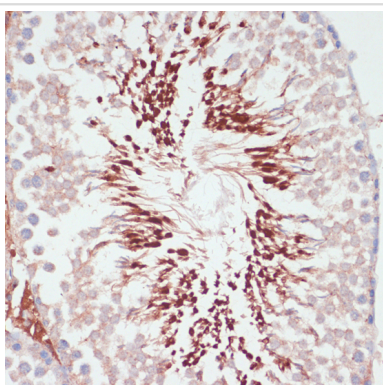
Immunofluorescence analysis of C6 cells using PGK2 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



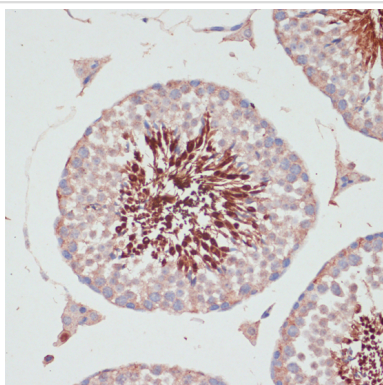
Immunofluorescence analysis of L929 cells using PGK2 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry of paraffin-embedded human mammary cancer using PGK2 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat testis using PGK2 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using PGK2 at dilution of 1:100 (40x lens).

## Background

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This gene is intronless, arose via retrotransposition of the phosphoglycerate kinase 1 gene, and is expressed specifically in the testis. Initially assumed to be a pseudogene, the encoded protein is actually a functional phosphoglycerate kinase that catalyzes the reversible conversion of 1,3-bisphosphoglycerate to 3-phosphoglycerate, during the Embden-Meyerhof-Parnas pathway of glycolysis, in the later stages of spermatogenesis.

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Note: This product is for in vitro research use only