

# PGK2 Rabbit Polyclonal Antibody



CAB12952

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

45kDa

### Calculated MW:

44kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Protein Background

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.

## Immunogen information

### Gene ID:

5232

### Uniprot

P07205

### Synonyms:

PGK2; HEL-S-272; PGKB; PGKPS; dJ417L20.2

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:100 IF 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

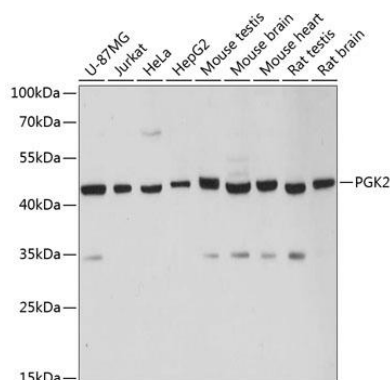
### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 242-360 of human PGK2 (NP\_620061.2).

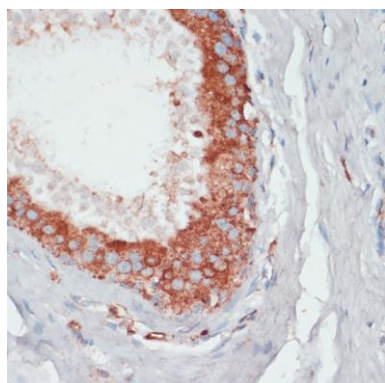
### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

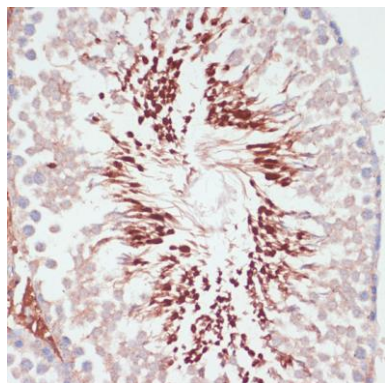
## Product Images



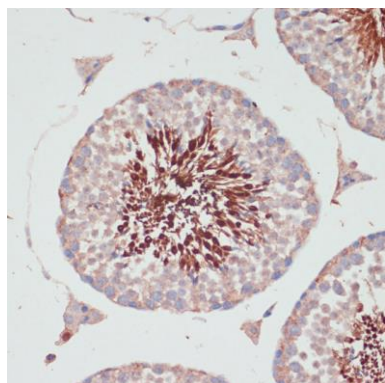
Western blot analysis of extracts of various cell lines, using PGK2 antibody (CAB12952) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.



Immunohistochemistry of paraffin-embedded human mammary cancer using PGK2 antibody (CAB12952) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat testis using PGK2 antibody (CAB12952) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using PGK2 antibody (CAB12952) at dilution of 1:100 (40x lens).