

## PGK2

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**Reactivity:**Human Mouse

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**45kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human PGK2

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

PGKB; PGKPS; dJ417L20.2;

**Catalog #:**A4017

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5232

**Isotype:**IgG

**Swiss Prot:**P07205

**Purity:**Affinity purification

For research use only.

**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.

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