

## PGK2

**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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