

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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