

PGK2 rabbit pAb

Cat No.: ES9999

For research use only

Overview

Product Name PGK2 rabbit pAb

Host species Rabbit
Applications WB;ELISA
Species Cross-Reactivity Human;Mouse

Recommended dilutions WB 1:500-2000 ELISA 1:5000-20000

Immunogen Synthesized peptide derived from human protein .

at AA range: 80-160

Specificity PGK2 Polyclonal Antibody detects endogenous

levels of protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Phosphoglycerate kinase 2 (EC 2.7.2.3)

(Phosphoglycerate kinase, testis specific)

Gene Name PGK2 PGKB **Cellular localization** Cytoplasm .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 45kD
Human Gene ID 5232
Human Swiss-Prot Number P07205

Alternative Names

Background phosphoglycerate kinase 2(PGK2) Homo sapiens

This gene is intronless, arose via retrotransposition of the phosphoglycerate kinase 1 gene, and is expressed specifically in the testis. Initially assumed

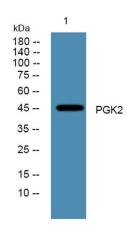
to be a pseudogene, the encoded protein is actually a functional phosphoglycerate kinase that catalyzes

the reversible conversion of

1,3-bisphosphoglycerate to 3-phosphoglycerate,







during the Embden-Meyerhof-Parnas pathway of glycolysis, in the later stages of spermatogenesis.[provided by RefSeq, May 2010],

Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night



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