

## Datasheet

### PGK1 polyclonal antibody

**Catalog Number:** PAB2618

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against synthetic peptide of PGK1.

**Immunogen:** A synthetic peptide (conjugated with KLH) corresponding to internal region of human PGK1.

**Host:** Rabbit

**Reactivity:** Human, Mouse

**Applications:** IHC-P, WB

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Purification:** Protein G purification

**Recommend Usage:** Western Blot (1:1000)

Immunohistochemistry (1:50-100)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.09% sodium azide)

**Storage Instruction:** Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 5230

**Gene Symbol:** PGK1

**Gene Alias:** MGC117307, MGC142128, MGC8947, MIG10, PGKA

**Gene Summary:** The protein encoded by this gene is a glycolytic enzyme that catalyzes the conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate. The encoded protein may also act as a cofactor for

polymerase alpha. This gene lies on the X-chromosome, while a related pseudogene also has been found on the X-chromosome and another on chromosome 19. [provided by RefSeq]

#### References:

1. Parkinson's disease-associated mutations in leucine-rich repeat kinase 2 augment kinase activity. West AB, Moore DJ, Biskup S, Bugayenko A, Smith WW, Ross CA, Dawson VL, Dawson TM. Proc Natl Acad Sci U S A. 2005 Nov 15;102(46):16842-7. Epub 2005 Nov 3.