

# PGK2 Polyclonal Antibody

catalog number: E-AB-14681

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

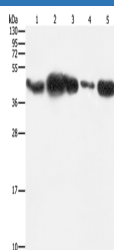
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant protein of human PGK2
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

## Applications

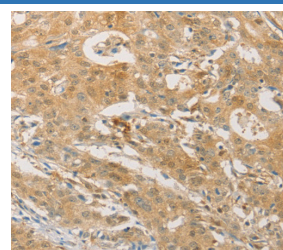
## Recommended Dilution

<b>WB</b>	1:1000-1:5000
<b>IHC</b>	1:50-1:200

## Data

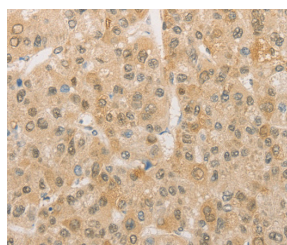


Western Blot analysis of HepG2 cell and Human fetal placenta tissue, 293T cell and Human testis tissue, NIH/3T3 cell using PGK2 Polyclonal Antibody at dilution of 1:600



Immunohistochemistry of paraffin-embedded Human gastric cancer using PGK2 Polyclonal Antibody at dilution of 1:50

### Calculated-MV:45 kDa



Immunohistochemistry of paraffin-embedded Human liver cancer using PGK2 Polyclonal Antibody at dilution of 1:50

## Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

## 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.

## For Research Use Only