

## PGK2 Antibody

Catalog No: #36193

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## Description

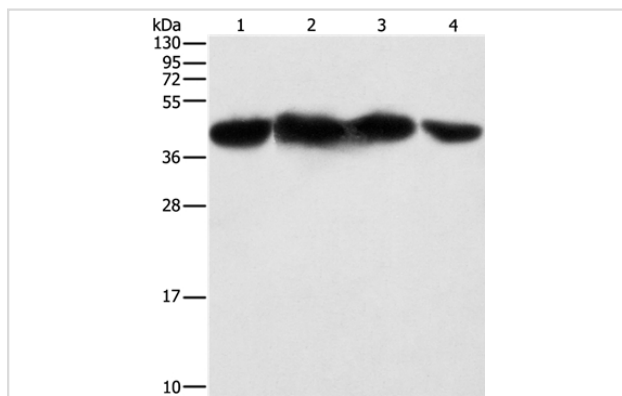
Product Name	PGK2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total PGK2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human phosphoglycerate kinase 2
Target Name	PGK2
Other Names	PGKB; PGKPS; dJ417L20.2
Accession No.	Swiss-Prot#: P07205NCBI Gene ID: 5232Gene Accssion: BC038843
Uniprot	P07205
GeneID	5232;
SDS-PAGE MW	45kd
Concentration	1.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:1000-1:5000

Immunohistochemistry: 1:50-1:200

## Images



Gel: 10%SDS-PAGE

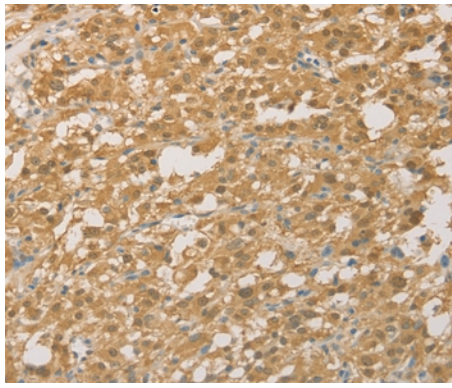
Lysates (from left to right): HepG2, 293T, hela and NIH/3T3 cell

Amount of lysate: 40ug per lane

Primary antibody: 1/600 dilution

Secondary antibody dilution: 1/8000

Exposure time: 5 seconds



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36193 at dilution 1/50.

## 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.

Note: This product is for in vitro research use only