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Datasheet for ABIN2854326

## anti-PGK1 antibody

2 Images

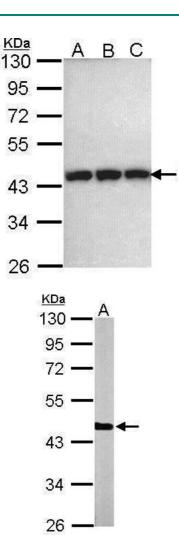


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Overview	
Quantity:	100 μL
Target:	PGK1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PGK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human PGK1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to PGK1 (phosphoglycerate kinase 1) PGK1 antibody [N1C1]
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated
Target Details	
Target:	PGK1

## **Target Details**

Alternative Name:	phosphoglycerate kinase 1 (PGK1 Products)
Background:	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.
	Cellular Localization: Cytoplasm
Molecular Weight:	45 kDa
Gene ID:	5230
UniProt:	P00558
Pathways:	Cellular Glucan Metabolic Process
Application Details	
Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Mouse brain , 293T , A431 , H1299  Validation: KO/KD
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



### **Western Blotting**

Image 1. WB Image Sample (30 ug of whole cell lysate) A: 293T B: A431, C: H1299 10% SDS PAGE antibody diluted at 1:1000

### **Western Blotting**

Image 2. WB Image Sample (50 ug of whole cell lysate) A:
Mouse brain 10% SDS PAGE antibody diluted at 1:1000