

# PGAM4 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP13349a

## Product Information

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<b>Application</b>	WB, IHC-P, E
<b>Primary Accession</b>	<a href="#">Q8N0Y7</a>
<b>Other Accession</b>	<a href="#">P25113</a> , <a href="#">Q9DBJ1</a> , <a href="#">P18669</a> , <a href="#">Q3SZ62</a> , <a href="#">NP_001025062.1</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Bovine, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB33526
<b>Calculated MW</b>	28777
<b>Antigen Region</b>	25-53

## Additional Information

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<b>Gene ID</b>	441531
<b>Other Names</b>	Probable phosphoglycerate mutase 4, PGAM4, PGAM3
<b>Target/Specificity</b>	This PGAM4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 25-53 amino acids from the N-terminal region of human PGAM4.
<b>Dilution</b>	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	PGAM4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	PGAM4
<b>Synonyms</b>	PGAM3

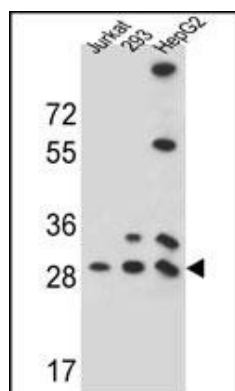
## Background

This intronless gene appears to have arisen from a retrotransposition event, yet it is thought to be an expressed, protein-coding gene. The encoded protein is a member of the phosphoglycerate mutase family, a set of enzymes that catalyze the transfer of a phosphate group from 3-phosphoglycerate to 2-phosphoglycerate.

## References

Olsen, J.V., et al. Cell 127(3):635-648(2006)  
Kim, S.C., et al. Mol. Cell 23(4):607-618(2006)  
Marques, A.C., et al. PLoS Biol. 3 (11), E357 (2005) :  
Betran, E., et al. Mol. Biol. Evol. 19(5):654-663(2002)  
Dierick, H.A., et al. Gene 198 (1-2), 37-41 (1997) :

## Images



PGAM4 Antibody (N-term) (Cat. #AP13349a) western blot analysis in 293, HepG2, Jurkat cell line lysates (35ug/lane). This demonstrates the PGAM4 antibody detected the PGAM4 protein (arrow).



PGAM4 Antibody (N-term) (Cat. #AP13349a) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PGAM4 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.