

PGAM4 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13349a

Specification

PGAM4 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q8N0Y7
Other Accession	P25113 , Q9DBJ1 , P18669 , Q3SZ62 , NP_001025062.1
Reactivity	Human
Predicted	Bovine, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	28777
Antigen Region	25-53

PGAM4 Antibody (N-term) - Additional Information

Gene ID 441531

Other Names

Probable phosphoglycerate mutase 4, PGAM4, PGAM3

Target/Specificity

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.

Dilution

WB~~1:1000
IHC-P~~1:10~50

Format

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.

Storage

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.

Precautions

PGAM4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

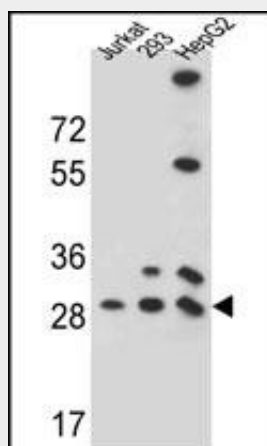
PGAM4 Antibody (N-term) - Protein Information

Name PGAM4

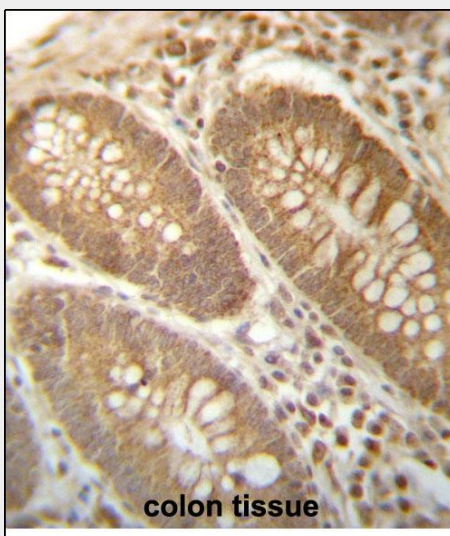
Synonyms PGAM3**PGAM4 Antibody (N-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PGAM4 Antibody (N-term) - 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.

PGAM4 Antibody (N-term) - 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.

PGAM4 Antibody (N-term) - 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) :