

Rabbit PGAM4 Polyclonal Antibody | anti-PGAM4 antibody

PGAM4 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288179	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PGAM4; Polyclonal Antibody; PGAM4 Antibody (N-term); Probable phosphoglycerate mutase 4; PGAM3; anti-PGAM4 antibody

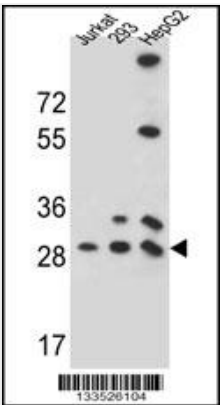
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	25-53
Sequence Length	254
Applicable Applications for anti-PGAM4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
PGAM4 Antibody (N-term) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-PGAM4 antibody	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.
Product Categories/Family for anti-PGAM4 antibody	Metabolism; Signal Transduction
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) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	71274132
NCBI GeneID	441531
NCBI Accession #	NP_001025062.1
NCBI GenBank Nucleotide #	NM_001029891.2
UniProt Accession #	Q8N0Y7; Q5JPN2; Q8NI24; Q8NI25; Q8NI26
Molecular Weight	28777
NCBI Official Full Name	phosphoglycerate mutase 4
NCBI Official Synonym Full Names	phosphoglycerate mutase family member 4
NCBI Official Symbol	PGAM4
NCBI Official Synonym Symbols	PGAM1; PGAM3; PGAM-B; dJ1000K24.1
NCBI Protein Information	phosphoglycerate mutase 4
UniProt Protein Name	Probable phosphoglycerate mutase 4

UniProt Gene Name	PGAM4
UniProt Synonym Gene Names	PGAM3
UniProt Entry Name	PGAM4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pgam4-antibody-immunohistochemistry-western-blot-elisa/288179>