

Rabbit anti-Human PGAM5 Polyclonal Antibody | anti-PGAM5 antibody

PGAM5 Antibody

CATALOG # AAA232977	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, ELISA
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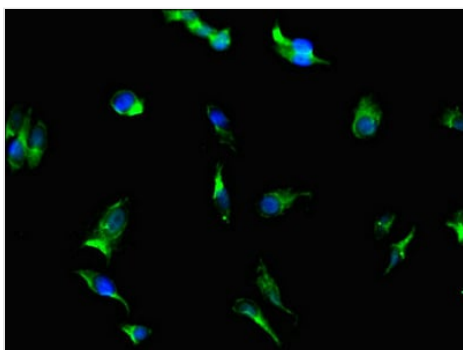
PRODUCT SYNONYMS

PGAM5; Polyclonal Antibody; PGAM5 Antibody; Serine/threonine-protein phosphatase PGAM5; mitochondrial; Bcl-XL-binding protein v68; Phosphoglycerate mutase family member 5; anti-PGAM5 antibody

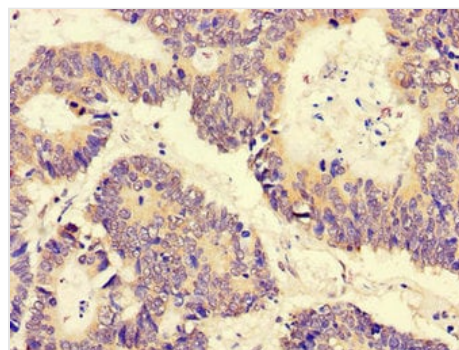
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	289
Applicable Applications for anti-PGAM5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Serine/threonine-protein phosphatase PGAM5, mitochondrial protein (30-223AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-161155 / sc-161156 / sc-161157
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES


IHC (Immunohistochemistry)

Immunofluorescent analysis of HeLa cells at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human placenta tissue at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-PGAM5 antibody	Displays phosphatase activity for serine/threonine residues, and, dephosphorylates and activates MAP3K5 kinase. Has apparently no phosphoglycerate mutase activity. May be regulator of mitochondrial dynamics. Substrate for a KEAP1-dependent ubiquitin ligase complex. Contributes to the repression of NFE2L2-dependent gene expression. Acts as a central mediator for programmed necrosis induced by TNF, by reactive oxygen species and by calcium ionophore.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	281604136
NCBI GeneID	192111
NCBI Accession #	NP_001164014.1
NCBI GenBank Nucleotide #	NM_001170543.1
UniProt Accession #	Q96HS1; Q96JB0; A9LN06; C9IZY7
Molecular Weight	28,020 Da
NCBI Official Full Name	serine/threonine-protein phosphatase PGAM5, mitochondrial isoform 1
NCBI Official Synonym Full Names	PGAM family member 5, mitochondrial serine/threonine protein phosphatase
NCBI Official Symbol	PGAM5
NCBI Official Synonym Symbols	BXLBV68
NCBI Protein Information	serine/threonine-protein phosphatase PGAM5, mitochondrial
UniProt Protein Name	Serine/threonine-protein phosphatase PGAM5, mitochondrial
UniProt Gene Name	PGAM5
UniProt Entry Name	PGAM5_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://stage.aaabiotech.com/polyclonal/pgam5-antibody-immunofluorescence-immunohistochemistry-elisa/232977>