

Rabbit PGAM5 Polyclonal Antibody | anti-PGAM5 antibody

PGAM5 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA179031	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

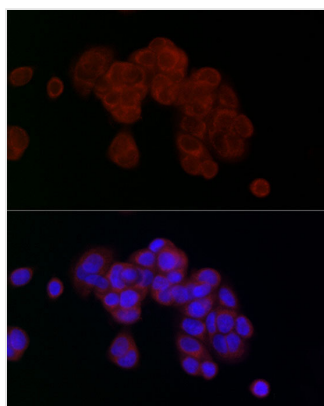
PRODUCT SYNONYMS

PGAM5; Polyclonal Antibody; PGAM5 Polyclonal Antibody; BXLBV68; anti-PGAM5 antibody

PRODUCT SPECIFICATIONS

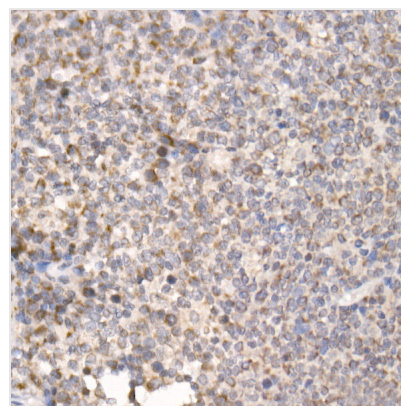
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PGAM5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human PGAM5
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



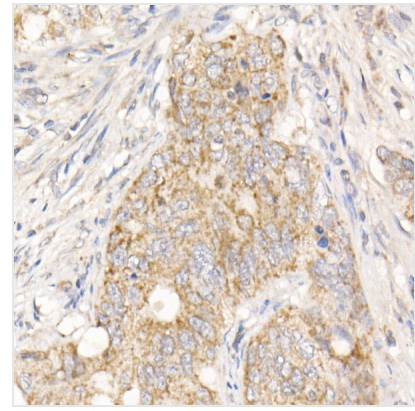
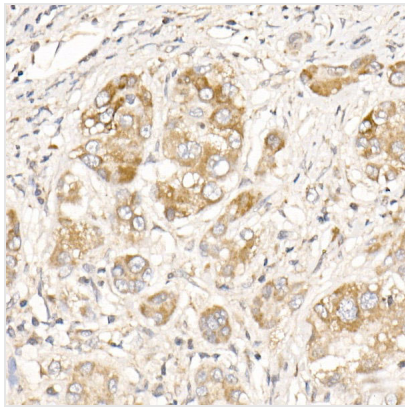
IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cells using PGAM5 Polyclonal Antibody at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil using PGAM5 Polyclonal Antibody at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

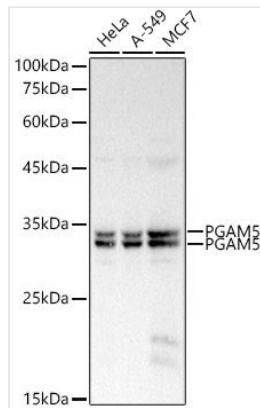


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using PGAM5 Polyclonal Antibody at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using PGAM5 Polyclonal Antibody at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of various lysates using PGAM5 Polyclonal Antibody at 1:500 dilution.

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.
Product Categories/Family for anti-PGAM5 antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

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	32,004 Da
NCBI Official Full Name	serine/threonine-protein phosphatase PGAM5, mitochondrial isoform 1
NCBI Official Synonym Full Names	phosphoglycerate mutase family member 5

NCBI Official Symbol	PGAM5
NCBI Official Synonym Symbols	BXLBV68
NCBI Protein Information	serine/threonine-protein phosphatase PGAM5, mitochondrial; Bcl-XL-binding protein v68
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-western-blot-elisa/179031>