

Rabbit PGK1 Polyclonal Antibody | anti-PGK1 antibody

PGK1 Polyclonal Antibody

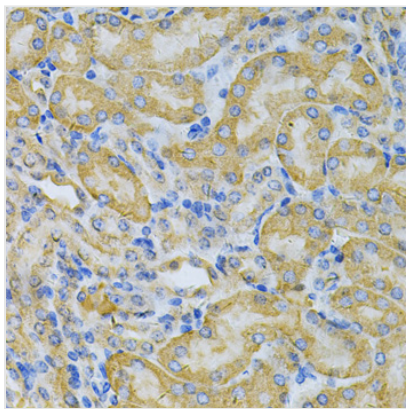
CATALOG # AAA281183	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

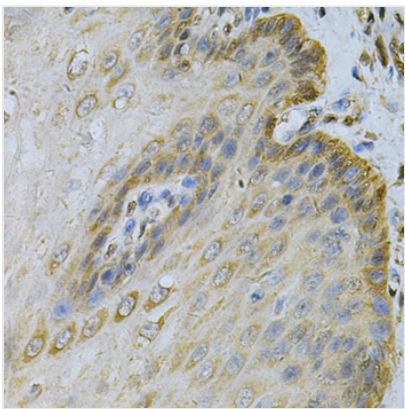
PGK1; Polyclonal Antibody; PGK1 Polyclonal Antibody; HEL-S-68p; MIG10; PGKA; anti-PGK1 antibody

PRODUCT SPECIFICATIONS

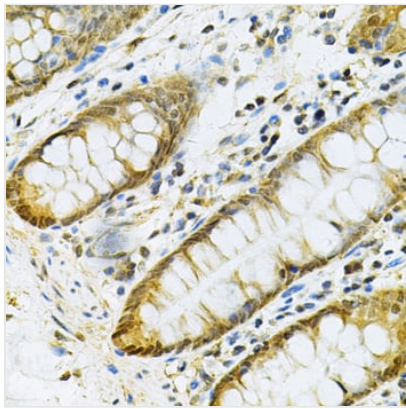
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MSLSNKLTD KLDVKGKRVV MRVDFNVPMK NNQITNNQRI KAAVPSIKFC LDNGAKSVVL MSHLGRPDGV PMPDKYSLEP VAVELKSLG KDVFLKDCV GPEVEKACAN PAAGSVILLE NLRFHVEEEG KGKDASGNKV KAEPKIEAF RASLSKLGDV YVNDAFGTAH RAHSSMVGVN LPQKAGGFLM KKELNYFAKA LESPFPFLA ILGGAKVADK IQLINNMLDK VNEMIIGGGM AFTFLKVLNN MEIGT
Sequence Length	417
Applicable Applications for anti-PGK1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PGK1
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.



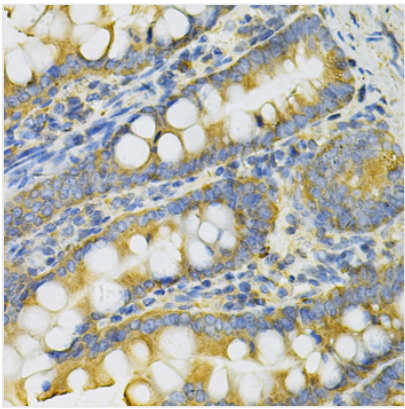
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse kidney using PGK1 Antibody at dilution of 1:100 (40x lens).



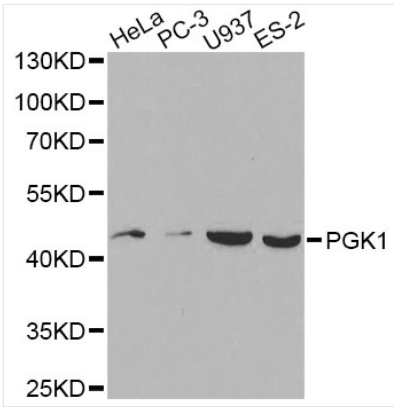
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human esophagus using PGK1 Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon using PGK1 Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat intestine using PGK1 Antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PGK1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-PGK1 antibody	The protein encoded by this gene is a glycolytic enzyme that catalyzes the conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate. The encoded protein may also act as a cofactor for polymerase alpha. Additionally, this protein is secreted by tumor cells where it participates in angiogenesis by functioning to reduce disulfide bonds in the serine protease, plasmin, which consequently leads to the release of the tumor blood vessel inhibitor angiostatin. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. Deficiency of the enzyme is associated with a wide range of clinical phenotypes hemolytic anemia and neurological impairment. Pseudogenes of this gene have been defined on chromosomes 19, 21 and the X chromosome.
Product Categories/Family for anti-PGK1 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505763
NCBI GeneID	5230
NCBI Accession #	NP_000282.1
NCBI GenBank Nucleotide #	NM_000291.3
UniProt Accession #	P00558 ; Q5J7W1 ; Q6IBT6 ; Q8NI87 ; A8K4W6 ; B7Z7A9
Molecular Weight	Calculated: 41kDa; 44kDa Observed: 47kDa
NCBI Official Full Name	phosphoglycerate kinase 1
NCBI Official Synonym Full Names	phosphoglycerate kinase 1
NCBI Official Symbol	PGK1
NCBI Official Synonym Symbols	PGKA; MIG10; HEL-S-68p
NCBI Protein Information	phosphoglycerate kinase 1
UniProt Protein Name	Phosphoglycerate kinase 1
UniProt Gene Name	PGK1
UniProt Synonym Gene Names	PGKA; PRP 2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pgk1-antibody-immunohistochemistry-western-blot-elisa/281183>