

Rabbit Glycerol kinase (GPK2) Polyclonal Antibody | anti-GK2 antibody

Glycerol kinase (GPK2) Antibody (C-term)

CATALOG # AAA283750	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Monkey, Bovine)	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

Glycerol kinase (GPK2); Polyclonal Antibody; Glycerol kinase (GPK2) Antibody (C-term); Glycerol kinase 2; GK 2; Glycerokinase 2; ATP:glycerol 3-phosphotransferase 2; Glycerol kinase; testis specific 2; GK2; GKP2; GKTA; anti-GK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey, Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Glycerol kinase (GPK2) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 487-515 amino acids from the C-terminal region of human Glycerol kinase (GPK2).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	487-515
Sequence Length	553
Applicable Applications for anti-GK2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
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 (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

The anti-GPK2 Pab is used in Western blot to detect GPK2 in Jurkat tissue lysate

ADDITIONAL INFORMATION

Related Product Information for anti-GK2 antibody	The human glycerol kinase gene family consists of at least 3 expressed loci. The GK1 locus on Xp21.3 is the site of mutations (deletions) causing glycerol kinase deficiency. It comprises 19 exons and is probably ancestral to several other genes which, because they are intronless, are suspected of having arisen by reverse transcriptase mediated events. These include 2 genes on chromosome 4. They are expressed as a single mRNA species in testis where expression is at a high level.
Product Categories/Family for anti-GK2 antibody	Signal Transduction
References	Sargent, C.A., et al., Hum. Mol. Genet. 3(8):1317-1324 (1994).

NCBI AND UNIPROT INFORMATION

NCBI GI #	41393575
NCBI GeneID	2712
NCBI Accession #	NP_149991.2
NCBI GenBank Nucleotide #	NM_033214.2
UniProt Accession #	Q14410; Q6PD73; Q86XV8; A8K876
Molecular Weight	60594
NCBI Official Full Name	glycerol kinase 2
NCBI Official Synonym Full Names	glycerol kinase 2
NCBI Official Symbol	GK2
NCBI Official Synonym Symbols	GKP2; GKTA
NCBI Protein Information	glycerol kinase 2
UniProt Protein Name	Glycerol kinase 2
UniProt Gene Name	GK2
UniProt Synonym Gene Names	GKP2; GKTA; GK 2; Glycerokinase 2
UniProt Entry Name	GLPK2_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/glycerol-kinase-gpk2-antibody-western-blot-immunohistochemistry-elisa/283750>