

Rabbit anti-Human Glycerol Kinase 2 Polyclonal Antibody | anti-GK2 antibody

Rabbit anti-Glycerol Kinase 2 Antibody

CATALOG # AAA220312	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Immunofluorescence, Western Blot
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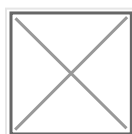
PRODUCT SYNONYMS

Glycerol Kinase 2; Polyclonal Antibody; Rabbit anti-Glycerol Kinase 2 Antibody; GKP2; GKTA; Glycerol kinase 2; GK 2; Glycerokinase 2; ATP:glycerol 3-phosphotransferase 2; Glycerol kinase; testis specific 2; anti-GK2 antibody

PRODUCT SPECIFICATIONS

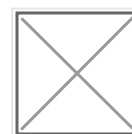
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GK2 antibody	IP (Immunoprecipitation), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Glycerol Kinase 2. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES

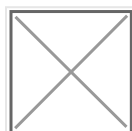


IF (Immunofluorescence)

Immunofluorescent analysis of Glycerol Kinase 2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)



WB (Western Blot)

Western blot analysis of Glycerol Kinase 2 expression in HepG2 (A), HeLa (B), Jurkat (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-GK2 antibody	Primary antibodies
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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	60,594 Da
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; glycerokinase 2; glycerol kinase pseudogene 2; glycerol kinase testis specific 2; glycerol kinase, testis specific 2; ATP:glycerol 3-phosphotransferase 2
UniProt Protein Name	Glycerol kinase 2
UniProt Gene Name	GK2
UniProt Synonym Gene Names	GKP2; GKTA; GK 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-2-antibody-immunoprecipitation-immunochemistry-immunofluorescence-western-blot-elisa/220312>