

Rabbit Glycerol Kinase 1 Polyclonal Antibody | anti-GK antibody

Anti-Glycerol Kinase 1 Antibody

CATALOG # AAA104548	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Bovine, Dog, Pig	APPLICATIONS Immunocytochemistry, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

Glycerol Kinase 1; Polyclonal Antibody; Anti-Glycerol Kinase 1 Antibody; Glycerol kinase; GK; Glycerokinase; ATP:glycerol 3-phosphotransferase; anti-GK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Dog, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Glycerol Kinase 1 protein.
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.
Sequence Length	524
Applicable Applications for anti-GK antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Glycerol Kinase 1. The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Glycerol Kinase 1 staining in H9C2 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).



WB (Western Blot)

Western blot analysis of Glycerol Kinase 1 expression in HeLa (A), mouse liver (B), H9C2 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-GK antibody	Rabbit polyclonal antibody to Glycerol Kinase 1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504007
NCBI GeneID	2710

NCBI Accession #	NP_000158.1
NCBI GenBank Nucleotide #	NM_000167.5
UniProt Accession #	P32189; Q64516; Q63060
NCBI Official Full Name	glycerol kinase isoform b
NCBI Official Synonym Full Names	glycerol kinase
NCBI Official Symbol	GK
NCBI Official Synonym Symbols	GK1; GKD
NCBI Protein Information	glycerol kinase; glycerokinase; ATP:glycerol 3-phosphotransferase
UniProt Protein Name	Glycerol kinase
UniProt Gene Name	Gk
UniProt Synonym Gene Names	Gyk; GK; Glycerokinase; ASTP
UniProt Entry Name	GLPK_RAT

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-1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/104548>