

Rabbit ADPGK Polyclonal Antibody | anti-ADPGK antibody

ADPGK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324108	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

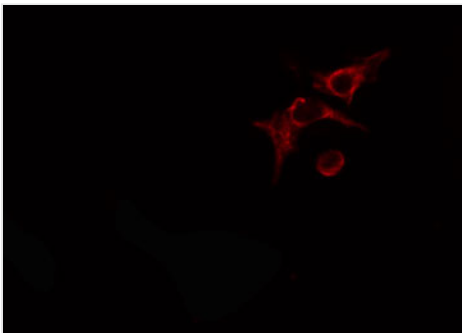
PRODUCT SYNONYMS

ADPGK; Polyclonal Antibody; ADPGK Antibody; 2610017G09Rik; ADP dependent glucokinase; ADP GK; ADP-dependent glucokinase; ADP-GK; ADPGK_HUMAN; ATP dependent glucokinase; DKFZP434B195; RbBP 35; RbBP-35; anti-ADPGK antibody

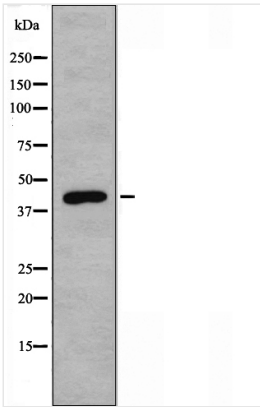
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ADPGK antibody detects endogenous levels of total ADPGK
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	496
Applicable Applications for anti-ADPGK antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA324108 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells, using ADPGK antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ADPGK antibody	Function: Catalyzes the phosphorylation of D-glucose to D-glucose 6-phosphate using ADP as the phosphate donor. GDP and CDP can replace ADP, but with reduced efficiency (By similarity). Subunit Structure: Monomer. Similarity: Belongs to the ADP-dependent glucokinase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31542509
NCBI GeneID	83440
NCBI Accession #	NP_112574.3
NCBI GenBank Nucleotide #	NM_031284.5
UniProt Accession #	Q9BRR6; Q49AU7; Q8NBI1; Q8WZ90; Q96NF8; Q9H0A7
Molecular Weight	Observed: 47 kD Predicted: 55 kDa
NCBI Official Full Name	ADP-dependent glucokinase isoform 1
NCBI Official Synonym Full Names	ADP dependent glucokinase
NCBI Official Symbol	ADPGK
NCBI Official Synonym Symbols	ADP-GK; 2610017G09Rik
NCBI Protein Information	ADP-dependent glucokinase
UniProt Protein Name	ADP-dependent glucokinase
UniProt Gene Name	ADPGK
UniProt Synonym Gene Names	ADP-GK; ADPGK

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.