

Mouse ADPGK Monoclonal Antibody | anti-ADPGK antibody

ADPGK (ADP-dependent Glucokinase, ADP-GK, RbBP-35, PSEC0260, 2610017G09Rik, DKFZp434B195) APC

CATALOG # AAA24419	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
------------------------------	----------------------	--	--

PRODUCT SYNONYMS

ADPGK; Monoclonal Antibody; ADPGK (ADP-dependent Glucokinase; ADP-GK; RbBP-35; PSEC0260; 2610017G09Rik; DKFZp434B195) APC; anti-ADPGK antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1E4
Specificity	Recognizes human ADPGK. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Applicable Applications for anti-ADPGK antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa425-497 from human ADPGK (NP_112574) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	SLRAPQEFMTSHSEAGSRIVLNPKNPVVEWHREGISFHFTPLVCKDPIRTVGLGDAISAEGLFYSEVHPHY
Conjugate	APC
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

ADDITIONAL INFORMATION

Related Product Information for anti-ADPGK antibody	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.
Product Categories/Family for anti-ADPGK antibody	Antibodies ; Protein Kinases

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542509
NCBI GeneID	83440

NCBI Accession #	NP_112574
NCBI GenBank Nucleotide #	NM_031284
UniProt Accession #	Q9BRR6; Q49AU7; Q8NBI1; Q8WZ90; Q96NF8; Q9H0A7
Molecular Weight	8,252 Da
NCBI Official Full Name	ADP-dependent glucokinase
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; ATP-dependent glucokinase; rbBP-35
UniProt Protein Name	ADP-dependent glucokinase
UniProt Gene Name	ADPGK
UniProt Synonym Gene Names	ADP-GK; ADPGK
UniProt Entry Name	ADPGK_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/adpgk-antibody-clone-1e4-western-blot-elisa/24419>