

Rabbit Glucokinase Polyclonal Antibody | anti-GCK antibody

Glucokinase (GCK) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144832	Rabbit	Mouse, Human, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Glucokinase; Polyclonal Antibody; Glucokinase (GCK) Polyclonal Antibody; GK; GLK; HHF3; HK4; HKIV; HXKP; MODY2; Hexokinase-D; Hexokinase 4; Maturity Onset Diabetes Of The Young 2; anti-GCK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GCK. It has been selected for its ability to recognize GCK in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	0.21mg/ml (varies by lot)
Sequence Length	458
Applicable Applications for anti-GCK antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Mouse
Organism Species	Mouse
Fragment	GCK (Asp3~Val226)
Quality Control	Content: The quality control contains recombinant GCK (Asp3~Val226) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
DABstainingonIHC-P.Samples:MouseTissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	565671715
NCBI GeneID	103988
NCBI Accession #	NP_001274315.1
NCBI GenBank Nucleotide #	NM_001287386.1
UniProt Accession #	P52792; P52791
Molecular Weight	51,886 Da
NCBI Official Full Name	glucokinase isoform 2
NCBI Official Synonym Full Names	glucokinase
NCBI Official Symbol	Gck
NCBI Official Synonym Symbols	Gk; GLK; HK4; HKIV; HXKP; Hlb62; MODY2; GlS006
NCBI Protein Information	glucokinase
UniProt Protein Name	Glucokinase
UniProt Gene Name	Gck
UniProt Synonym Gene Names	Gk; HK IV; HK4

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/glucokinase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/144832>