

Rabbit GCK Polyclonal Antibody | anti-GCK antibody

GCK Polyclonal Antibody

CATALOG # AAA294882	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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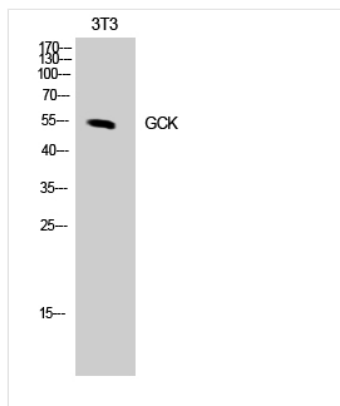
PRODUCT SYNONYMS

GCK; Polyclonal Antibody; GCK Polyclonal Antibody; Glucokinase; Hexokinase type IV; HK IV; Hexokinase-4; HK4; Hexokinase-D; anti-GCK antibody

PRODUCT SPECIFICATIONS

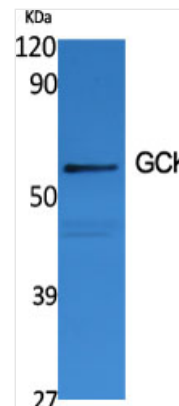
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-GCK antibody	WB (Western Blot)
Notes	ECO:0000303 PubMed:17573900, ECO:0000312 HGNC: HGNC:4195
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.



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ADDITIONAL INFORMATION

Related Product Information for anti-GCK antibody

Catalyzes the initial step in utilization of glucose by the beta-cell and liver at physiological glucose concentration. Glucokinase has a high Km for glucose, and so it is effective only when glucose is abundant. The role of GCK is to provide G6P for the synthesis of glycogen. Pancreatic glucokinase plays an important role in modulating insulin secretion. Hepatic glucokinase helps to facilitate the uptake and conversion of glucose by acting as an insulin-sensitive determinant of hepatic glucose usage.

NCBI AND UNIPROT INFORMATION

NCBI GI #	547696
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NCBI GeneID	2645
UniProt Accession #	P35557; Q05810; A4D2J2; A4D2J3
Molecular Weight	465
NCBI Official Full Name	Glucokinase
NCBI Official Synonym Full Names	glucokinase (hexokinase 4)
NCBI Official Symbol	GCK
NCBI Official Synonym Symbols	GK; GLK; HK4; HHF3; HKIV; HXKP; LGLK; MODY2; FGQTL3
NCBI Protein Information	glucokinase; HK IV; hexokinase-4; hexokinase-D; hexokinase type IV; hexokinase D, pancreatic isozyme; ATP:D-hexose 6-phosphotransferase
UniProt Protein Name	Glucokinase
UniProt Gene Name	GCK
UniProt Synonym Gene Names	HK IV; HK4
UniProt Entry Name	HXK4_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://www.aaabiotech.com/polyclonal/gck-antibody-western-blot-elisa/294882>