

Rabbit anti-Human GCKR Polyclonal Antibody | anti-GCKR antibody

GCKR Antibody (N-term)

CATALOG # AAA290985	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	---

PRODUCT SYNONYMS

GCKR; Polyclonal Antibody; GCKR Antibody (N-term); Purified Rabbit Polyclonal Antibody (Pab); Glucokinase regulatory protein; GKR; Glucokinase regulator; anti-GCKR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Clone Number	RB3929
Specificity	This GCKR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human GCKR.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Applicable Applications for anti-GCKR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antigen Source	Human
Antigen Region	1-30
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



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

The anti-GCKR Pab is used in Western blot to detect GCKR in A375 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-GCKR antibody	GCKR belongs to the SIS (Sugar ISomerase) family of proteins. The gene product is a regulatory protein that inhibits glucokinase in liver and pancreatic islet cells by binding non-covalently to form an inactive complex with the enzyme. The GCKR gene is considered a susceptibility gene candidate for a form of maturity-onset diabetes of the young (MODY).
--	--

Product Categories/Family for anti-GCKR antibody	Primary Antibodies; Cancer; Cardiovascular; Metabolism; Signal Transduction
References	Veiga-da-Cunha, M., et al., Diabetologia 46(5):704-711 (2003).Hayward, B.E., et al., Genomics 49(1):137-142 (1998).Hayward, B.E., et al., Mamm. Genome 7(6):454-458 (1996).Warner, J.P., et al., Mamm. Genome 6(8):532-536 (1995).Vaxillaire, M., et al., Diabetes 43(3):389-395 (1994).

NCBI AND UNIPROT INFORMATION

NCBI GI #	221625433
NCBI GeneID	2646
NCBI Accession #	NP_001477.2
NCBI GenBank Nucleotide #	NM_001486.3
UniProt Accession #	Q14397; Q53RY6; Q99522; A1L4C2
Molecular Weight	68,685 Da
NCBI Official Full Name	glucokinase regulatory protein
NCBI Official Synonym Full Names	glucokinase (hexokinase 4) regulator
NCBI Official Symbol	GCKR
NCBI Official Synonym Symbols	GKRP; FGQTL5
NCBI Protein Information	glucokinase regulatory protein
UniProt Protein Name	Glucokinase regulatory protein
UniProt Gene Name	GCKR
UniProt Synonym Gene Names	Glucokinase regulator
UniProt Entry Name	GCKR_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://stage.aaabiotech.com/polyclonal/gckr-antibody-clone-rb3929-immunohistochemistry-western-blot-elisa/290985>