

GCKR Polyclonal Antibody

Catalog NumberPA5-30944

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 214 of Human GCKR	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7, with 1% BSA, 20% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: mouse liver. Predicted reactivity: Mouse (92%), Rat (92%), Dog (96%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

This gene encodes a protein belonging to the GCKR subfamily of 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. This gene is considered a susceptibility gene candidate for a form of maturity-onset diabetes of the young (MODY).

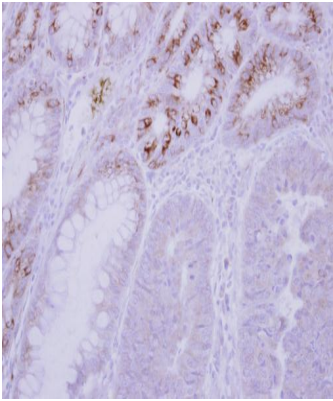
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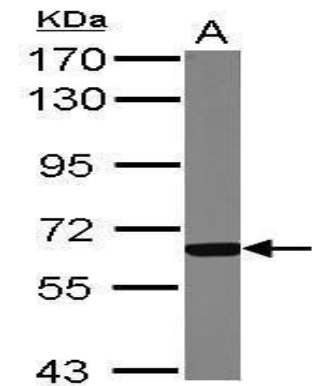
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Product Images For GCKR Polyclonal Antibody



GCKR Antibody (PA5-30944) in IHC (P)
Immunohistochemical analysis of paraffin-embedded human normal colon, using GCKR (Product # PA5-30944) antibody at 1:500 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



GCKR Antibody (PA5-30944) in WB
Western Blot using GCKR Polyclonal Antibody (Product # PA5-30944). Sample (50 µg of whole cell lysate). Lane A: mouse liver . 7.5% SDS PAGE. GCKR Polyclonal Antibody (Product # PA5-30944) diluted at 1:1,000.

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