

## GCK antibody

### Product Information

Catalog No.:	FNab03385
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Catalyzes the initial step in utilization of glucose by the beta-cell and liver at physiological glucose concentration. Glucokinase has a high  $K_m$  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.

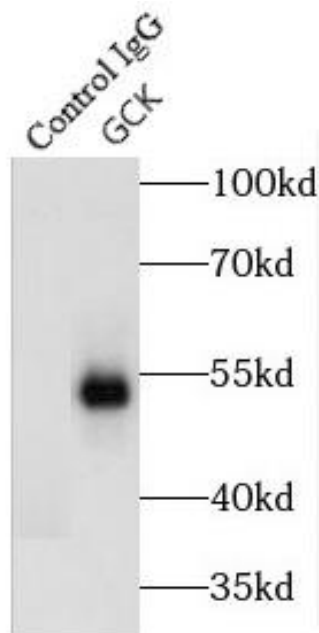
### Immunogen information

Immunogen:	glucokinase(hexokinase 4)
Synonyms:	Hexokinase-4 (HK4) Glucokinase Hexokinase type IV (HK IV) Hexokinase-D GCK
Observed MW:	50-52 kDa
Uniprot ID :	P35557

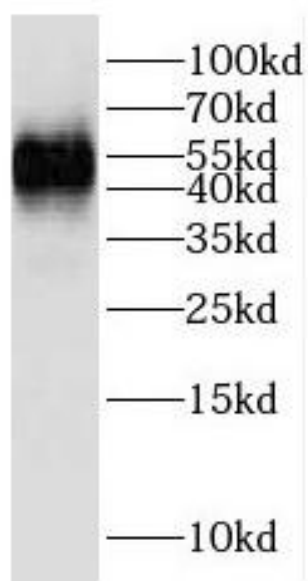
### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IP
Recommended dilution:	WB: 1:500-1:2000; IP: 1:200-1:2000

Image:



IP Result of anti-GCK (IP:FNab03385, 4ug;  
Detection:FNab03385 1:800) with mouse liver  
tissue lysate 4000ug.



mouse liver tissue were subjected to SDS PAGE  
followed by western blot with FNab03385(GCK  
antibody) at dilution of 1:600