PHKG2 antibody

Product Information

Catalog No.:	FNab06395
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℃ for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Phosphorylase kinase is a polymer of 16 subunits, four each of alpha, beta, gamma and delta. The alpha subunit includes the skeletal muscle and hepatic isoforms, encoded by two different genes. The beta subunit is the same in both the muscle and hepatic isoforms, and encoded by one gene. The gamma subunit also includes the skeletal muscle and hepatic isoforms, and the hepatic isoform is encoded by this gene. The delta subunit is a calmodulin and can be encoded by three different genes. The gamma subunits contain the active site of the enzyme, whereas the alpha and beta subunits have regulatory functions controlled by phosphorylation. The delta subunit mediates the dependence of the enzyme on calcium concentration. Mutations in this gene cause glycogen storage disease type 9C, also known as autosomal liver glycogenosis. Alternatively spliced transcript variants encoding different isoforms have been identified in this gene.

Immunogen information

Immunogen:	phosphorylase kinase, gamma 2 (testis)
Synonyms:	Phosphorylase b kinase gamma catalytic chain, liver/testis isoform (PHK-gamma-LT, PHK-gamma-T)|PSK-C3|Phosphorylase kinase subunit gamma-2|PHKG2
Observed MW:	46 kDa
Uniprot ID :	P15735

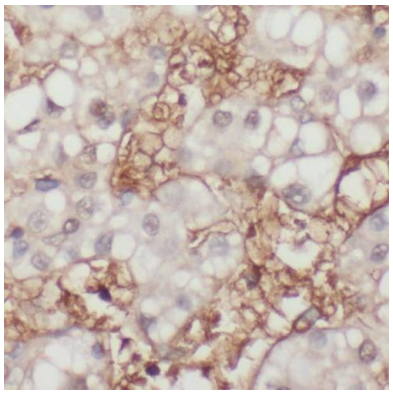
Application

Reactivity: Human, Mouse, Rat

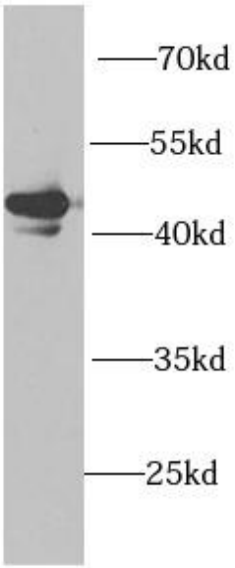
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:100

Image:



Immunohistochemistry of paraffin-embedded human liver cancer using FNab06395(PHKG2 antibody) at dilution of 1:100



mouse testis tissue were subjected to SDS PAGE followed by western blot with FNab06395(PHKG2 antibody) at dilution of 1:1000