

## GK2 Polyclonal Antibody

Catalog No :	YT1912
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	GK2
Fields :	>>Glycerolipid metabolism;>>Metabolic pathways;>>PPAR signaling pathway
Gene Name :	GK2
Protein Name :	Glycerol kinase 2
Human Gene Id :	2712
Human Swiss Prot	Q14410
Mouse Swiss Prot	Q9WU65
Immunogen :	The antiserum was produced against synthesized peptide derived from human GK2. AA range:281-330
Specificity :	GK2 Polyclonal Antibody detects endogenous levels of GK2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)



Best Tools for immunology Research

<b>Observed Band :</b> 01KL	Observed	Band :	61kD
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Cell Pathway :	Glycerolipid metabolism;PPAR;
Background :	catalytic activity:ATP + glycerol = ADP + sn-glycerol 3-phosphate.,function:Key enzyme in the regulation of glycerol uptake and metabolism.,pathway:Polyol metabolism; glycerol degradation via glycerol kinase pathway; sn-glycerol 3-phosphate from glycerol: step 1/1.,similarity:Belongs to the FGGY kinase family.,subcellular location:In sperm the majority of the enzyme is bound to mitochondria.,
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Subcellular Location :	Mitochondrion outer membrane ; Single-pass type IV membrane protein . Cytoplasm . In sperm the majority of the enzyme is bound to mitochondria
Expression :	Testis-specific (PubMed:33536340). Expressed in the midpiece of spermatozoa (PubMed:28852571).



## **Products Images**

Western Blot analysis of various cells using GK2 Polyclonal Antibody

## -GK2



