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GK2 Polyclonal Antibody

Cat #: ABP51431 Size: 30μl /100μl /200μl

Product Information

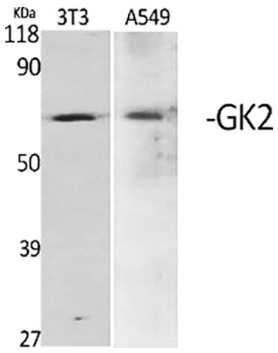
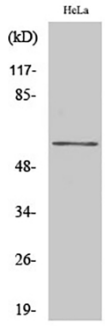
	Product Name: GK2 Polyclonal Antibody		
	Applications: WB, IHC-P, IF, ELISA		**Isotype:** Rabbit IgG
	Reactivity: Human		
REF	**Catalog Number:** ABP51431	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		**Note:** Contain sodium azide.

Background: GK2 is a Protein Coding gene. Glycerol kinase 2 is a key enzyme in the regulation of glycerol uptake and metabolism. Diseases associated with GK2 include glycerol kinase deficiency and x-linked adrenal hypoplasia congenita. Among its related pathways are Metabolism and Regulation of lipid metabolism by Peroxisome proliferator-activated receptor alpha (PPARalpha). Gene Ontology (GO) annotations related to this gene include phosphotransferase activity, alcohol group as acceptor and glycerol kinase activity. An important paralog of this gene is GK.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), IF (1:200-1:1000), ELISA (1:20000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

	Fig.1. Western Blot analysis of various cells using GK2 Polyclonal Antibody.
	Fig.2. Western Blot analysis of Jurkat cells using GK2 Polyclonal Antibody.

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