10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GK3 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50742

Product Information

Application	WB
Primary Accession	Q14409
Other Accession	P32189
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Calculated MW	60598

Additional Information

Gene ID	2713
Other Names	Putative glycerol kinase 3, GK 3, Glycerokinase 3, ATP:glycerol 3-phosphotransferase 3, Glycerol kinase, testis specific 1, GK3P, GKP3, GKTB
Dilution	WB~~1:1000
Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20°C

Protein Information

Name	GK3 (HGNC:4292)
Synonyms	GK3P, GKP3, GKTB
Function	May be involved in the regulation of glycerol uptake and metabolism.
Cellular Location	Mitochondrion outer membrane {ECO:0000250|UniProtKB:P32189}; Single-pass membrane protein. Cytoplasm, cytosol {ECO:0000250|UniProtKB:P32189}

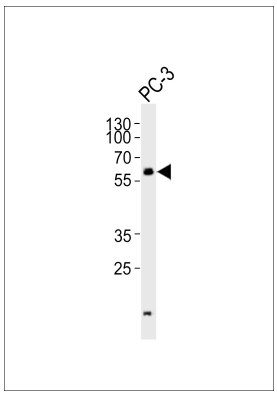
Background

Key enzyme in the regulation of glycerol uptake and metabolism.

References

Sargent C.A.,et al.Hum. Mol. Genet. 3:1317-1324(1994).
Hillier L.W.,et al.Nature 434:724-731(2005).

Images



Western blot analysis of lysate from PC-3 cell line,using GK3 Antibody(AP50742). AP50742 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35ug.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.