

For Research Use Only

GK5 Polyclonal antibody

Catalog Number: 13457-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 13457-1-AP	GenBank Accession Number: BC032470	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 147 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 256356	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: glycerol kinase 5 (putative)	
Isotype: IgG	Calculated MW: 529 aa, 59 kDa	
Immunogen Catalog Number: AG4269	Observed MW: 59 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells,
Cited Applications: IF, WB	
Species Specificity: human, mouse, rat	
Cited Species: human	

Background Information

GK5(Putative glycerol kinase 5) is also named as ATP:glycerol 3-phosphotransferase 5 and belongs to the FGGY kinase family. It is involved in Glycerol metabolism and catalyzes the phosphorylation of glycerol by ATP, yielding ADP and glycerol-3-phosphate. It has 3 isoforms produced by alternative splicing with the MW of 59 kDa, 34 kDa and 28 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Mengnan Yan	33462866	Clin Exp Pharmacol Physiol	WB
Jian Zhou	30791926	J Exp Clin Cancer Res	WB,IF

Storage

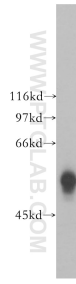
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 13457-1-AP (GK5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.