

GK5 Polyclonal Antibody

Catalog number: 13457-1-AP

Size: 22 µg/150 µl

Source: Rabbit

Isotype: IgG

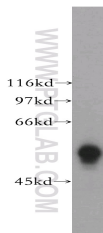
Synonyms:

GK5; FLJ33582, FLJ45739, GK 5,

GK5, Glycerokinase 5, glycerol

kinase 5 (putative), Putative

glycerol kinase 5



Jurkat cells were subjected to SDS PAGE followed by western blot with 13457-1-AP(GK5 antibody) at dilution of 1:500

Background

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.

Applications

Tested applications:	ELISA, WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated GK5 MW:	529aa,59 kDa
Observed GK5 MW:	59 kDa
Positive WB detected in	Jurkat cells
Recommended dilution:	WB: 1:500-1:5000

Application key: WB = Western blotting, IHC= Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4269
GenBank accession number:	BC032470
Gene ID (NCBI):	256356
Full name:	Glycerol kinase 5 (putative)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.