

For Research Use Only

FUK Polyclonal antibody

Catalog Number: 13541-1-AP



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
13541-1-AP	BC032542	Antigen affinity purification
Size:	GeneID (NCBI):	Recommended Dilutions:
150ul , Concentration: 600 ug/ml by Nanodrop;	197258	WB 1:500-1:2000
Source:	UNIPROT ID:	IHC 1:20-1:200
Rabbit	Q8NOW3	
Isotype:	Full Name:	
IgG	fucokinase	
Immunogen Catalog Number:	Calculated MW:	
AG4481	1084 aa, 118 kDa	
	Observed MW:	
	107 kDa	

Applications

Tested Applications:	Positive Controls:
WB, IHC, ELISA	WB : MCF-7 cells, BxPC-3 cells, mouse thymus tissue, mouse kidney tissue
Species Specificity:	IHC : mouse kidney tissue,
human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

FUK, also named FCSK, belongs to the GHMP kinase family. FUK encodes fucokinase, the only enzyme capable of converting L-fucose to fucose-1-phosphate, which will ultimately be used for synthesizing GDP-fucose, the donor substrate for all fucosyltransferases (PMID: 30503518).

Storage

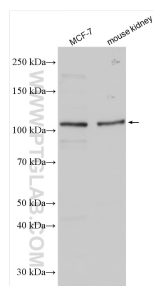
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

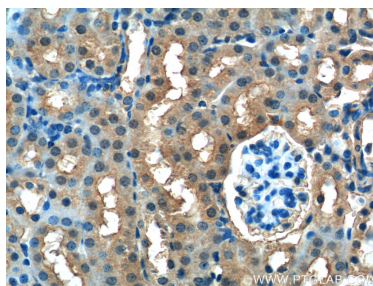
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13541-1-AP (FUK antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 13541-1-AP (FUK Antibody) at dilution of 1:50 (under 40x lens).