

For Research Use Only

IP6K1 Polyclonal antibody

Catalog Number: 12057-2-AP **1 Publications**



Basic Information

Catalog Number: 12057-2-AP	GenBank Accession Number: BC012944	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9807	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: inositol hexakisphosphate kinase 1	Calculated MW: 441 aa, 50 kDa
Isotype: IgG	Observed MW: 54 kDa	IHC 1:50-1:500
Immunogen Catalog Number: AG2687		

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB: A375 cells, human liver tissue, human kidney tissue, Hela cells, HepG2 cells
Species Specificity: human, mouse, rat	IP: mouse kidney tissue,
Cited Species: pig	IHC: human colon cancer tissue, human lung cancer tissue
Note-IHC: <i>suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</i>	

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Agus Suryawan	36402914	Pediatr Res	WB

Storage

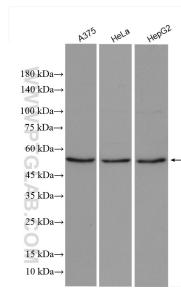
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

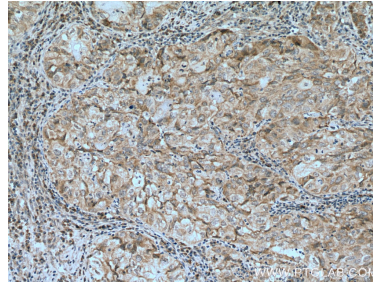
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

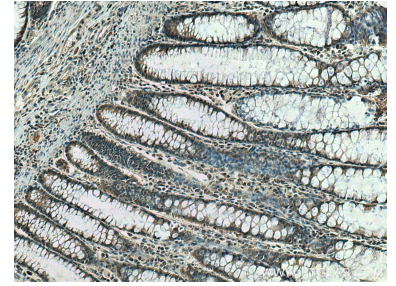
Selected Validation Data



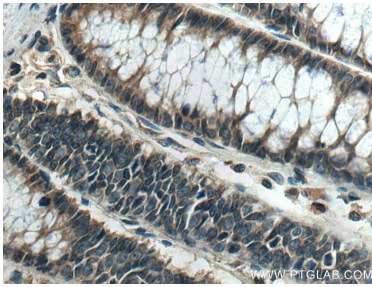
Various lysates were subjected to SDS PAGE followed by western blot with 12057-2-AP (IP6K1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



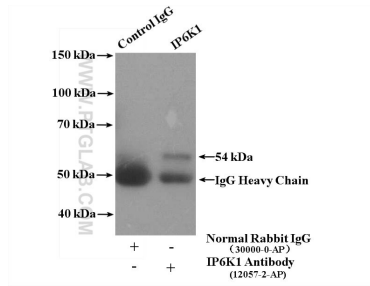
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 12057-2-AP (IP6K1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 12057-2-AP (IP6K1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 12057-2-AP (IP6K1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-IP6K1 (IP:12057-2-AP, 4ug; Detection:12057-2-AP 1:300) with mouse kidney tissue lysate 3000 ug.