

For Research Use Only

FNIP2 Polyclonal antibody

Catalog Number: 31283-1-AP



Basic Information

Catalog Number: 31283-1-AP	GenBank Accession Number: BC166693	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop;	GeneID (NCBI): 57600	Recommended Dilutions: IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9P278	
Isotype: IgG	Full Name: folliculin interacting protein 2	
Immunogen Catalog Number: AG35014	Observed MW: 125 kDa	

Applications

Tested Applications: IP, IHC, ELISA	Positive Controls: IP : HEK-293 cells, IHC : mouse kidney tissue,
Species Specificity: 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

Folliculin (FLCN)-interacting proteins 1 and 2 (FNIP1, FNIP2) are homologous binding partners of FLCN, a tumor suppressor for kidney cancer. FNIP2 was found to bind to the C terminus of FLCN and to AMPK, like FNIP1. FNIP2 competes with the activating co-chaperone AHSA1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins (PMID: 18403135).

Storage

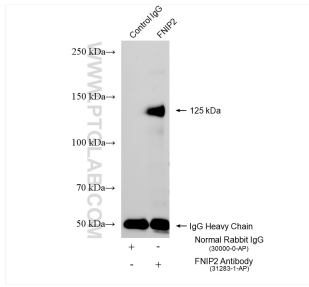
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

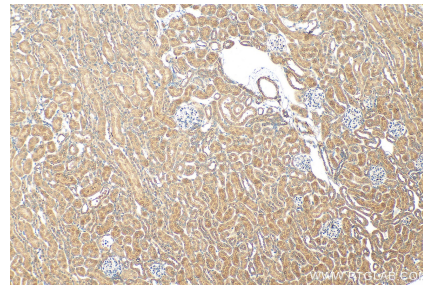
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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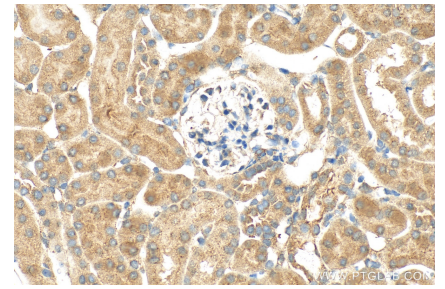
Selected Validation Data



IP result of anti-FNIP2 (IP:31283-1-AP, 4 μ g; Detection:31283-1-AP 1:500) with HEK-293 cells lysate 1470 μ g.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 31283-1-AP (FNIP2 antibody) at dilution of 1:200 (under 10 \times lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 31283-1-AP (FNIP2 antibody) at dilution of 1:200 (under 40 \times lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).