

# FNIP2 Polyclonal antibody

Catalog Number: 31283-1-AP

## Basic Information

**Catalog Number:**

31283-1-AP

**Size:**

300 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG35014

**GenBank Accession Number:**

BC166693

**GeneID (NCBI):**

57600

**UNIPROT ID:**

Q9P278

**Full Name:**

folliculin interacting protein 2

**Observed MW:**

125 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate  
IHC 1:50-1:500

## Applications

**Tested Applications:**

IP, IHC, ELISA

**Species Specificity:**

Human, Mouse

**Positive Controls:**

IP : HEK-293 cells,

IHC : mouse kidney tissue,

**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:**

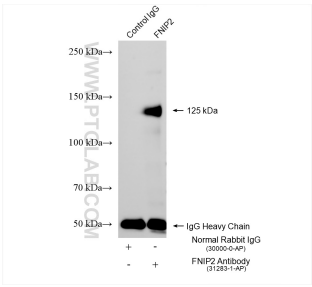
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

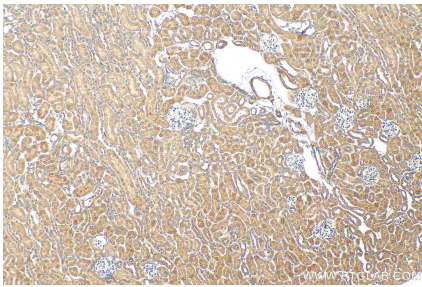
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

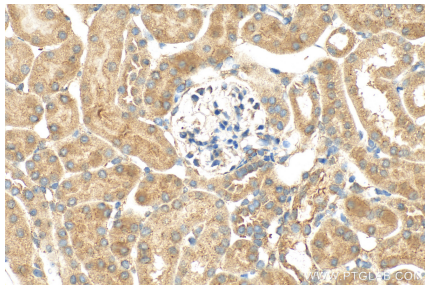
Selected Validation Data



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



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