

For Research Use Only

FLCN Polyclonal antibody

Catalog Number: 11236-2-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

11236-2-AP

Concentration:

700 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1746

GenBank Accession Number:

BC015687

GeneID (NCBI):

201163

UNIPROT ID:

Q8NFG4

Full Name:

folliculin

Calculated MW:

65 kDa

Observed MW:

64-75 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : A431 cells, HeLa cells, HEK-293 cells, NCCIT cells

IHC : human intrahepatic cholangiocarcinoma tissue,

Background Information

FLCN, also named as BHD, belongs to the folliculin family. It may play a role in the pathogenesis of an uncommon form of kidney cancer through its association with an inherited disorder of the hair follicle (fibrofolliculomas). FLCN may be a tumor suppressor. It is involved in colorectal tumorigenesis. It may be involved in energy and/or nutrient sensing through the AMPK and mTOR signaling pathways. Mutation of FLCN may cause the BHD(Birt-Hogg-Dube syndrome) or (PSP) primary spontaneous pneumothorax. And it may be involved in renal cell carcinoma.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-------------------|-----------|-----------------------|-------------|
| Xuyang Zhao | 32850947 | Front Mol Biosci | IHC |
| Kun Wu | 33607355 | J Trace Elem Med Biol | WB |
| Caterina Collodet | 31404503 | FASEB J | WB,IP |

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

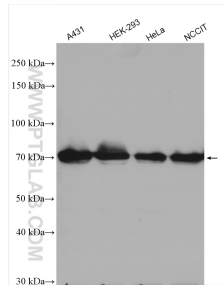
T: 4006900926

E: Proteintech-CN@ptglab.com

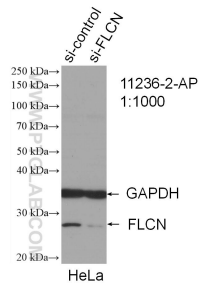
W: ptgcn.com

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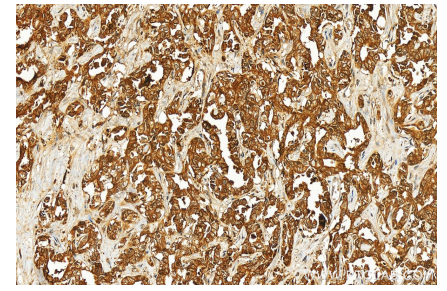
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11236-2-AP (FLCN antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



WB result of FLCN antibody (11236-2-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FLCN transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 11236-2-AP (FLCN antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).