

For Research Use Only

# FLCN Polyclonal antibody

Catalog Number: 11236-2-AP

Featured Product

5 Publications



## Basic Information

**Catalog Number:**

11236-2-AP

**Size:**

150ul, Concentration: 700 µg/ml by Nanodrop and 433 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1746

**GenBank Accession Number:**

BC015687

**GeneID (NCBI):**

201163

**Full Name:**

folliculin

**Calculated MW:**

38 kDa

**Observed MW:**

64-75 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

## Applications

**Tested Applications:**

WB, ELISA

**Cited Applications:**

IHC, IP, WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse

**Positive Controls:**

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

## 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

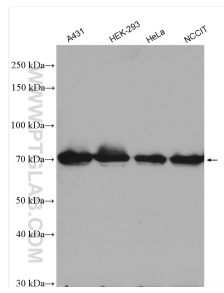
For technical support and original validation data for this product please contact:

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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.