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Datasheet for ABIN6140670  
**anti-FLCN antibody (AA 1-342)**

1 Image

Overview

Quantity:	100 µL
Target:	FLCN
Binding Specificity:	AA 1-342
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FLCN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-342 of human FLCN (NP_653207.1).
Sequence:	MNAIVALCHF CELHGPRTL F CTEVLHAPLP QGDGNEDSPG QGEQAE EEEEG GIQMNSRMRA HSPAEGASVE SSSPGPKKSD MCEGCRSLAA GHPGYISHDK ETSIKYVSHQ HPSHPQLFSI VRQACVRSLS CEVCPGREGP IFFGDEQHGF VFSHTFFIKD SLARGFQRWY SIITIMMDRI YLINSWPFLG KVRGIIDEL QGKALKVFEA EQFGCPQRAQ RMNTAFTPFL HQRNGNAARS LTSLSDDNL WACLHTSFAW LLKACGSRLT EKLLEGAPTE DTLVQMEKLA GEAGVLLPGP WPGWPWGGTS CLLSWQESLR EGNAALNQPR TSLREAHPPPI SV
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

## Product Details

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Purification: Affinity purification

## Target Details

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Target: FLCN

Alternative Name: FLCN ([FLCN Products](#))

Target Type: Amino Acid

Background: This gene is located within the Smith-Magenis syndrome region on chromosome 17. Mutations in this gene are associated with Birt-Hogg-Dube syndrome, which is characterized by fibrofolliculomas, renal tumors, lung cysts, and pneumothorax. Alternative splicing of this gene results in two transcript variants encoding different isoforms.,FLCN,BHD,FLCL,Cancer,Tumor suppressors,Signal Transduction,PI3K-Akt Signaling Pathway,Regulator of mTOR complex function,FLCN

Molecular Weight: 20 kDa/37 kDa/64 kDa

Gene ID: 201163

UniProt: [Q8NFG4](#)

Pathways: [Cell-Cell Junction Organization](#)

## Application Details

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Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:100

Restrictions: For Research Use only

## Handling

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Format: Liquid

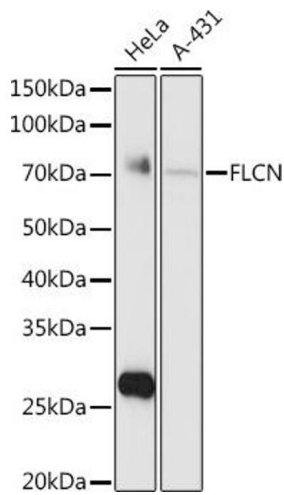
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using FLCN antibody (ABIN6133517, ABIN6140670, ABIN6140672 and ABIN6222156) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.