

Rabbit FLCN Polyclonal Antibody | anti-FLCN antibody

FLCN Antibody

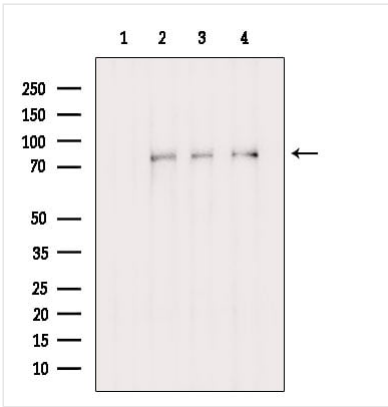
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328659	Rabbit	Human, Mouse, Rat, MonkeyPredicted: Pig, Bovine, Rabbit, Dog, Chicken, Xenopus	Western Blot

PRODUCT SYNONYMS

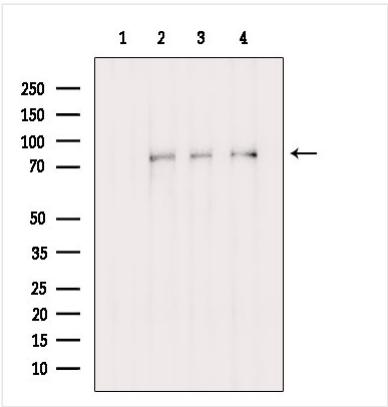
FLCN; Polyclonal Antibody; FLCN Antibody; BHD; BHD skin lesion fibrofolliculoma protein; Birt Hogg Dube syndrome protein; Birt-Hogg-Dube syndrome protein; DKFZp547A118; FLCL; Flcn; FLCN_HUMAN; FLJ45004; FLJ99377; Folliculin; MGC17998; MGC23445; anti-FLCN antibody

PRODUCT SPECIFICATIONS

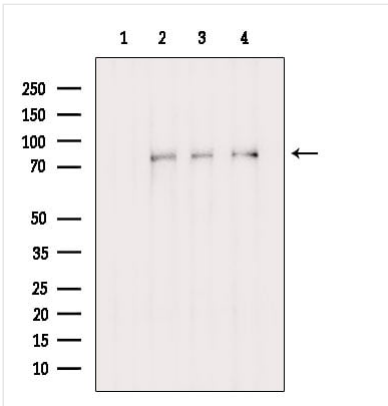
Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey Predicted: Pig, Bovine, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	FLCN Antibody detects endogenous levels of FLCN.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	342
Applicable Applications for anti-FLCN antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human FLCN.
Tissue Specificity	Expressed in most tissues tested, including skin, lung, kidney, heart, testis and stomach.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from various samples, using FLCN Antibody. Lane 1: VERO cells, treated with blocking peptide; Lane 2: VERO cells; Lane 3: Mouse spleen; Lane 4: MCF7.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using FLCN Antibody. The lane on the left was treated with blocking peptide.



IF (Immunofluorescence)
staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(1:200 Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(1:600 Green) were used as the secondary antibody

ADDITIONAL INFORMATION

Related Product Information for anti-FLCN antibody	Description: May be a tumor suppressor. May be involved in energy and/or nutrient sensing through the AMPK and mTOR signaling pathways. May regulate phosphorylation of RPS6KB1.
	Post Translational Modifications: Phosphorylated. Several different phosphorylated forms exist.
	Subunit Structure: Interacts (via C-terminus) with FNIP1 and FNIP2 (via C-terminus). This mediates indirect interaction with the PRKAA1, PRKAB1 and PRKAG1 subunits of 5'-AMP-activated protein kinase (PubMed:17028174, PubMed:18403135, PubMed:18663353, PubMed:27353360). Interacts with HSP90AA1 in the presence of FNIP1. Interacts with HSP70, STUB1, CDC37, AHSA1, CCT2, STIP1, PTGES3 and PPP5C (PubMed:27353360).
	Similarity: Belongs to the folliculin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21389403
NCBI GeneID	201163
NCBI Accession #	NP_653207.1

NCBI GenBank Nucleotide #	NP_653207.1
UniProt Accession #	Q8NFG4
Molecular Weight	Observed: 45 kDa; 70 kDa Predicted: 65 kDa
NCBI Official Full Name	folliculin isoform 2
NCBI Official Synonym Full Names	folliculin
NCBI Official Symbol	FLCN
NCBI Official Synonym Symbols	BHD; FLCL; DENND8B
NCBI Protein Information	folliculin
UniProt Protein Name	Folliculin
UniProt Gene Name	FLCN
UniProt Synonym Gene Names	BHD

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/flcn-antibody-western-blot-elisa/328659>