

Rabbit FLCN Polyclonal Antibody | anti-FLCN antibody

FLCN Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288039	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

FLCN; Polyclonal Antibody; FLCN Antibody (C-term); Folliculin; BHD skin lesion fibrofolliculoma protein; Birt-Hogg-Dube syndrome protein; BHD; anti-FLCN antibody

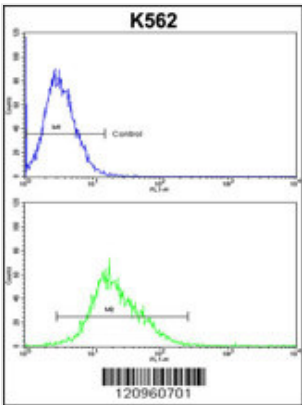
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FLCN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 505-534 amino acids from the C-terminal region of human FLCN.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	505-534
Sequence Length	342
Applicable Applications for anti-FLCN antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

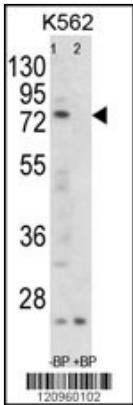
IMAGES



IHC (Immunohistochemistry)
FLCN Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FLCN Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



FCM/FACS (Flow Cytometry)
FLCN Antibody (C-term) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of FLCN Antibody (C-term) Pab pre-incubated without(lane 1) and with(lane 2) blocking peptide in K562 cell line lysate. FLCN (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-FLCN antibody	FLCN 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. May be involved in colorectal tumorigenesis. It may be involved in energy and/or nutrient sensing through the AMPK and mTOR signaling pathways.
Product Categories/Family for anti-FLCN antibody	Cancer
References	Khoo,S.K., et.al., J. Med. Genet. 39 (12), 906-912 (2002) Shin,J.H., et.al., J. Med. Genet. 40 (5), 364-367 (2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21389403
NCBI GeneID	201163
NCBI Accession #	NP_653207.1; NP_659434.2
NCBI GenBank Nucleotide #	NM_144606.5
UniProt Accession #	Q8NFG4; Q6ZRX1; Q96BD2; Q96BE4; A6NJJ8

Molecular Weight	64473
NCBI Official Full Name	folliculin isoform 2
NCBI Official Synonym Full Names	folliculin
NCBI Official Symbol	FLCN
NCBI Official Synonym Symbols	BHD; FLCL
NCBI Protein Information	folliculin
UniProt Protein Name	Folliculin
UniProt Gene Name	FLCN
UniProt Synonym Gene Names	BHD
UniProt Entry Name	FLCN_HUMAN

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-immunohistochemistry-flow-cytometry-western-blot-elisa/288039>