

Rabbit FLCN Polyclonal Antibody | anti-FLCN antibody

Anti-FLCN Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125407	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

FLCN; Polyclonal Antibody; Anti-FLCN Antibody; Folliculin; BHD skin lesion fibrofolliculoma protein; Birt-Hogg-Dube syndrome protein; BHD; anti-FLCN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	342
Applicable Applications for anti-FLCN antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	E Coli-derived human FLCN recombinant protein (Position: C8-K551).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES

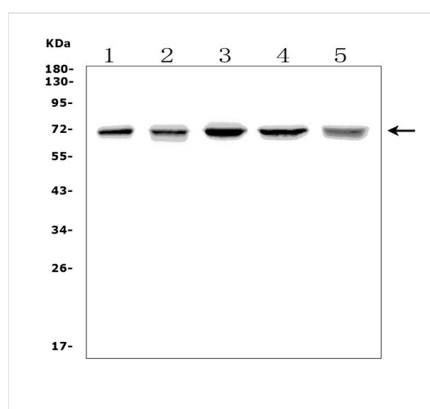
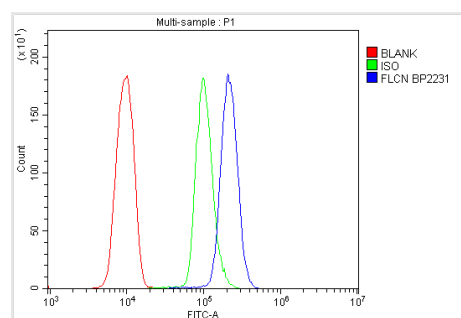
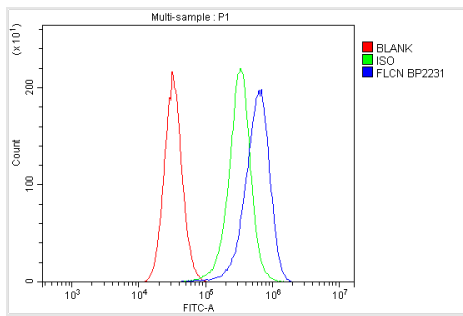

WB (Western Blot)

Figure 1. Western blot analysis of FLCN using anti-FLCN antibody.


FCM/FACS (Flow Cytometry)



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-FLCN antibody	Description: Rabbit IgG polyclonal antibody for FLCN detection. Tested with WB, FCM, Direct ELISA in Human; Mouse; Rat. Background: Folliculin also known as FLCN, Birt-Hogg-Dubé syndrome protein or FLCN_HUMAN is a protein that in humans is associated with Birt-Hogg-Dubé syndrome and hereditary spontaneous pneumothorax. It is encoded by the Folliculin (FLCN) gene (alias BHD, FLCL) that acts as a tumor suppressor gene. It is mapped to 17p11.2. 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.
References	1. Painter, J. N., Tapanainen, H., Somer, M., Tukiainen, P., Aittomaki, K. A 4-bp deletion in the Birt-Hogg-Dube gene (FLCN) causes dominantly inherited spontaneous pneumothorax. Am. J. Hum. Genet. 76: 522-527, 2005. 2. Ren, H.-Z., Zhu, C.-C., Yang, C., Chen, S.-L., Xie, J., Hou, Y.-Y., Xu, Z.-F., Wang, D.-J., Mu, D.-K., Ma, D.-H., Wang, Y., Ye, M.-H., Ye, Z.-R., Chen, B.-F., Wang, C.-G., Lin, J., Qiao, D., Yi, L. Mutation analysis of the FLCN gene in Chinese patients with sporadic and familial isolated primary spontaneous pneumothorax. Clin. Genet. 74: 178-183, 2008. 3. Schmidt, L. S., Nickerson, M. L., Warren, M. B., Glenn, G. M., Toro, J. R., Merino, M. J., Turner, M. L., Choyke, P. L., Sharma, N., Peterson, J., Morrison, P., Maher, E. R., Walther, M. M., Zbar, B., Linehan, W. M. Germline BHD-mutation spectrum and phenotype analysis of a large cohort of families with Birt-Hogg-Dube syndrome. Am. J. Hum. Genet. 76: 1023-1033, 2005.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21389403
NCBI GeneID	201163
NCBI Accession #	NP_653207.1
NCBI GenBank Nucleotide #	NP_653207.1
UniProt Accession #	Q8NFG4
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-direct-elisa-flow-cytometry-western-blot-elisa/125407>