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Datasheet for ABIN652601
anti-FLCN antibody (C-Term)

3 Images

Overview

Quantity:	400 µL
Target:	FLCN
Binding Specificity:	AA 505-534, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FLCN antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB20960
Isotype:	Ig Fraction
Predicted Reactivity:	B, M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FLCN
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Target Details

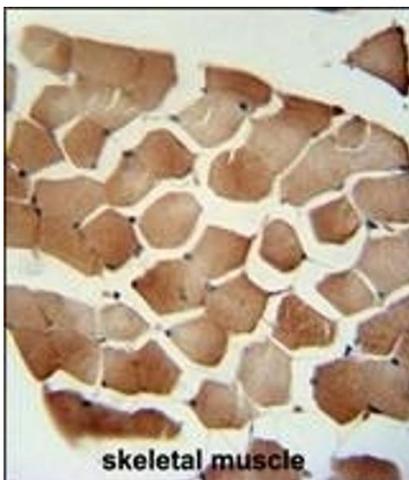
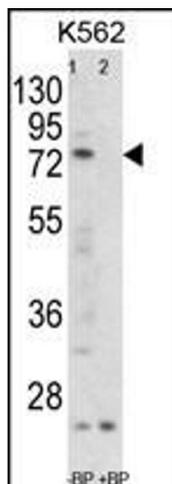
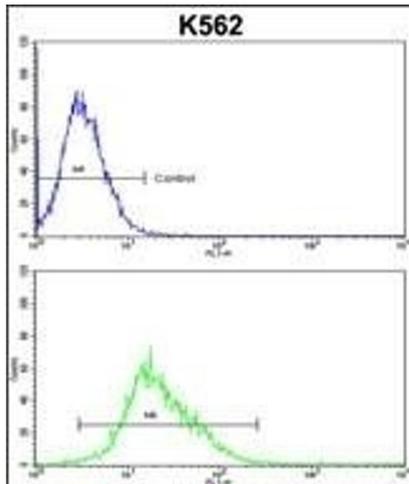
Alternative Name:	FLCN (FLCN Products)
Target Type:	Amino Acid
Background:	FLCN may play a role in the pathogenesis of an uncommon form of kidney cancer through its association with an inherited disorder of the hair follicle (fibrofolliculomas). FLCN may be a tumor suppressor. May be involved in colorectal tumorigenesis. It may be involved in energy and/or nutrient sensing through the AMPK and mTOR signaling pathways.
Molecular Weight:	64473
Gene ID:	201163
NCBI Accession:	NP_653207 , NP_659434
UniProt:	Q8NFG4
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. FLCN Antibody (C-term) (ABIN652601 and ABIN2842403) 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.

Western Blotting

Image 2. Western blot analysis of FLCN Antibody (C-term) Pab (ABIN652601 and ABIN2842403) pre-incubated without(lane 1) and with(lane 2) blocking peptide in K562 cell line lysate. FLCN (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. FLCN Antibody (C-term) (ABIN652601 and ABIN2842403) 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.