

Datasheet for ABIN652602
anti-FLCN antibody (AA 325-354)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	FLCN
Binding Specificity:	AA 325-354
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FLCN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This FLCN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 325-354 amino acids from the Central region of human FLCN.
Clone:	RB20959
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FLCN
Alternative Name:	FLCN (FLCN Products)
Target Type:	Amino Acid

Target Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

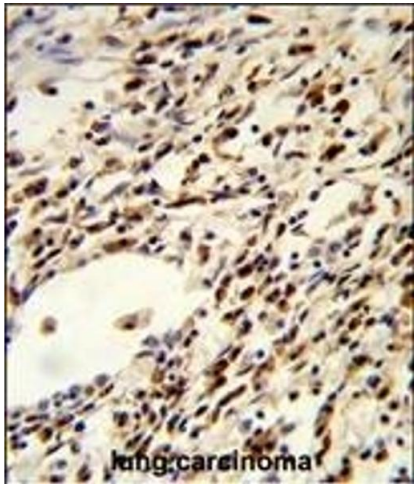
Preservative: Sodium azide

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

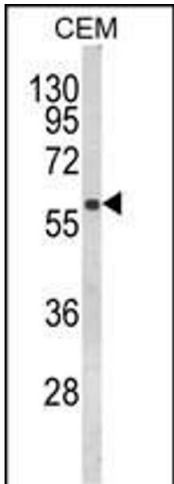
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human lung carcinoma reacted with FLCN Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of FLCN Antibody (Center) (ABIN652602 and ABIN2842404) in CEM cell line lysates (35 µg/lane). FLCN (arrow) was detected using the purified Pab.