

[Go to Product page](#)

Datasheet for ABIN6991067 **anti-FNIP2 antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	FNIP2
Binding Specificity:	AA 860-910, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FNIP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	FNIP2 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human FNIP2. The immunogen is located within amino acids 860 - 910 of FNIP2.
Isotype:	IgG
Specificity:	Multiple isoforms of FNIP2 are known to exist. This antibody is predicted to not cross-react with FNIP1.
Purification:	FNIP2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	FNIP2
Alternative Name:	FNIP2 (FNIP2 Products)

Target Details

Background: FNIP2 Antibody: FNIP2 is the second protein found to interact with folliculin, the product of the Birt-Hogg-Dube (BHD) gene. Folliculin is thought to act as a tumor suppressor as mutations or loss of heterozygosity in this gene are associated with BHD syndrome-related renal tumors. Folliculin and FNIP1, a protein that shares 49 % identity to FNIP2, bind to AMPK, an important energy sensor in cells that negatively regulates the mammalian target of rapamycin (mTOR), a protein that is thought to be the master switch for cell growth and proliferation. FNIP1 and FNIP2 are able to form homo- and heteromeric multimers, suggesting these proteins may have a functional relationship.

Gene ID: 57600

NCBI Accession: [NP_065891](#)

UniProt: [Q9P278](#)

Application Details

Application Notes: FNIP2 antibody can be used for detection of FNIP2 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL.

Antibody validated: Western Blot in rat samples and Immunohistochemistry in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: FNIP2 Antibody is supplied in PBS containing 0.02 % 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: -20 °C, 4 °C

Storage Comment: FNIP2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.