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Datasheet for ABIN6991071  
**anti-FNIP2 antibody (N-Term)**

### Overview

Quantity:	0.1 mg
Target:	FNIP2
Binding Specificity:	AA 100-150, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FNIP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	FNIP2 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human FNIP2. The immunogen is located within amino acids 100 - 150 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 ( <a href="#">FNIP2 Products</a> )

## Target Details

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**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

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**Application Notes:** FNIP2 antibody can be used for detection of FNIP2 by Western blot at 1 - 2  $\mu$ g/mL.

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

**Restrictions:** For Research Use only

## Handling

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**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.