

## FNIP2 Antibody

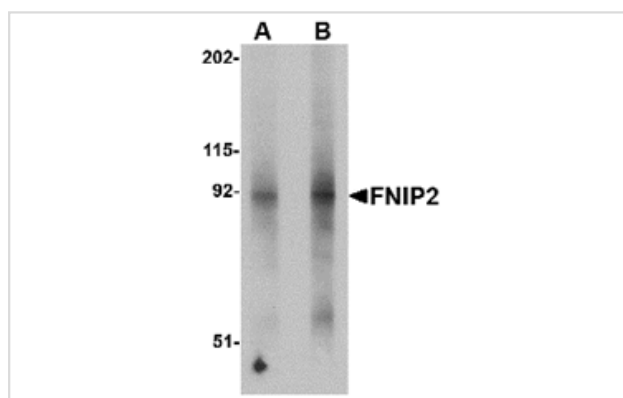
Catalog No: #24847

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## Description

Product Name	FNIP2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB
Species Reactivity	Hu Ms Rt
Specificity	Multiple isoforms of FNIP2 are known to exist. This antibody is predicted to not cross-react with FNIP1.
Immunogen Type	Peptide
Immunogen Description	Raised against an 18 amino acid peptide near the amino terminus of human FNIP2.
Target Name	FNIP2
Other Names	Folliculin interacting protein 2, FNIP1L
Accession No.	Swiss-Prot:Q9P278Gene ID:57600
Uniprot	Q9P278
GeneID	57600;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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.

## Images



Western blot analysis of FNIP2 in mouse skeletal muscle lysate with FNIP2 antibody at (A) 1 and (B) 2 ug/mL.

## Background

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.

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Note: This product is for in vitro research use only