

Product datasheet for **TA306730**

FNIP2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 5 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	FNIP2 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human FNIP2.
Formulation:	PBS containing 0.02% sodium azide.
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	folliculin interacting protein 2
Database Link:	NP_065891 Entrez Gene 310538 RatEntrez Gene 329679 MouseEntrez Gene 57600 Human Q9P278

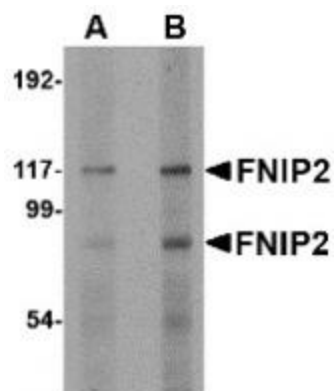
Background: FNIP2 is the second protein found to interact with folliculin, the product of the Birt-Hogg-Dube (BHD) gene. Folliculin is thought to act as a tumor suppressor as mutations or loss of heterozygosity in this gene are associated with BHD syndrome-related renal tumors. Folliculin and FNIP1, 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. Multiple isoforms of FNIP2 are known to exist. This antibody is predicted to not cross-react with FNIP1.

Synonyms: FNIP1; MAPO1

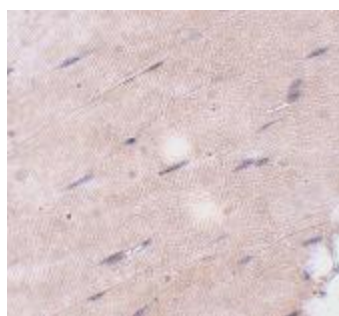


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Product images:



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



Immunohistochemistry of FNIP2 in mouse skeletal muscle tissue with FNIP2 antibody at 5 ug/mL.