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Datasheet for ABIN499855 anti-FNIP2 antibody (N-Term)

Image



Overview

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

Product Details

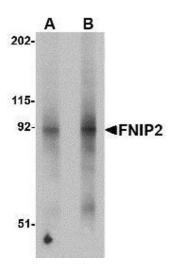
Immunogen:	FNIP2 antibody was raised against an 18 amino acid peptide near the amino terminus of human FNIP2.
Isotype:	lgG
Specificity:	This antibody reacts to FNIP2.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	FNIP2
Alternative Name:	FNIP2 (FNIP2 Products)
Background:	FNIP2 is the second protein found to interact with folliculin, the product of the Birt-Hogg-Dube

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	(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-like protein, FNIPL, Folliculin-
	interacting protein 2, KIAA1450, MAPO1, O6-methylguanine-induced apoptosis 1 protein
Gene ID:	57600
NCBI Accession:	NP_065891
UniProt:	Q9P278
Application Details	
Application Notes:	ELISA. Wsetern Blot: 1 - 2 µg/mL.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Buffer:	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:	4 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C.



Western Blotting

Image 1. Western blot analysis of FNIP2 in mouse skeletal muscle lysate with AP30346PU-N FNIP2 antibody at (A) 1 and (B) 2 μ g/ml.

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