

Anti-FNIP2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Chicken,Dog,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 122 kDa. Actual: 122 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: 293T Cell (Human) Lysate at 40 µg Primary: Anti-FNIP2 (TMAB-06098) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 122 kD Observed band size: 122 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human FNIP2
Antigen Species:	Human
Gene ID:	57600
Uniprot ID:	Q9P278

Research Background

Folliculin is a cytoplasmic protein that is suggested to be involved in the pathogenesis of a uncommon form of kidney cancer through its association with Birt-Hogg-Dube syndrome, an inherited disorder of the hair follicle. FNIP2 (folliculin interacting protein 2), also known as FNIP1 or MAPO1, is a 1,114 amino acid protein that belongs to the FNIP family and is widely expressed, with highest expression in muscle, nasal mucosa, salivary gland, uvula, fat, liver and pancreas and low expression in renal cell carcinoma and normal kidney tissue. Localized to the cytoplasm, FNIP2 may participate in energy and/or nutrient sensing through the AMPK and FRAP signaling pathways. FNIP2 exists as two alternatively isoforms and forms homomultimers and heteromultimers with FNIP1. FNIP2 interacts with folliculin via its C-terminus and with AMPK alpha 1, AMPK beta 1 and AMPK gamma 1 subunits of 5'-AMP-activated protein kinase.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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