

For Research Use Only

# FNIP2 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84371-2-PBS



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
84371-2-PBS	BC166693	Protein A purification
Concentration:	GeneID (NCBI):	CloneNo.:
1 mg/ml	57600	241638F2
Source:	UNIPROT ID:	
Rabbit	Q9P278	
Isotype:	Full Name:	
IgG	folliculin interacting protein 2	
Immunogen Catalog Number:	Observed MW:	
AG35014	125 kda	

## Applications

**Tested Applications:**  
WB, Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human

## Background Information

Folliculin (FLCN)-interacting proteins 1 and 2 (FNIP1, FNIP2) are homologous binding partners of FLCN, a tumor suppressor for kidney cancer. FNIP2 was found to bind to the C terminus of FLCN and to AMPK, like FNIP1. FNIP2 competes with the activating co-chaperone AHSA1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins (PMID: 18403135).

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:

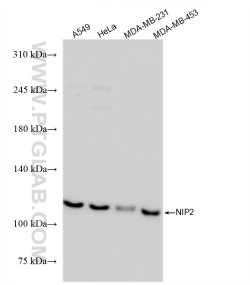
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

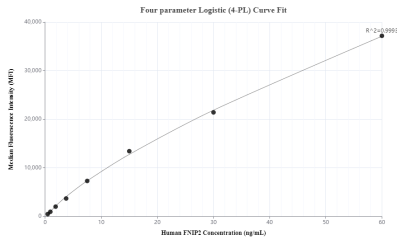
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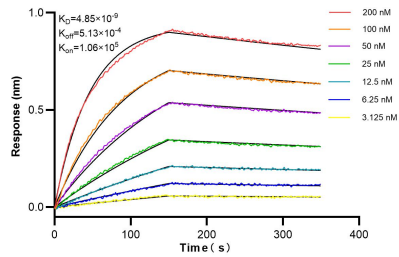
Selected Validation Data



A549 cells were subjected to SDS PAGE followed by western blot with 84371-2-RR (FNIP2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84371-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01240-1, FNIP2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84371-2-PBS. Detection antibody: 84371-1-PBS. Standard: Ag35014. Range: 0.469-60 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 84371-2-RR against Human FNIP2 were performed. The affinity constant is 4.85 nM.