

For Research Use Only

# NKIRAS2 Polyclonal antibody

Catalog Number: 10174-1-AP

1 Publications



## Basic Information

### Catalog Number:

10174-1-AP

### Size:

150ul , Concentration: 400 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0221

### GenBank Accession Number:

BC007450

### GeneID (NCBI):

28511

### UNIPROT ID:

Q9NYR9

### Full Name:

NFKB inhibitor interacting Ras-like 2

### Calculated MW:

22 kDa

### Observed MW:

22 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IF/ICC, IP, ELISA

### Cited Applications:

WB

### Species Specificity:

human

### Cited Species:

human

### Positive Controls:

WB : HEK-293 cells, HepG2 cells

IP : HEK-293 cells,

IF/ICC : A431 cells,

## Background Information

I-Kappa-B-interacting Ras-Like protein 2 (KBRA52, MGC:4553), interact with the PEST domains of IkappaBalpha and IkappaBbeta [inhibitors of the transcription factor nuclear factor kappa B (NF-kappaB)] and decrease their rate of degradation. KBRA52 differs from other Ras proteins in containing Ala and Leu residues at positions 12 and 61 respectively, which are similar to those present in the oncogenic forms of Ras.

## Notable Publications

Author	Pubmed ID	Journal	Application
Stephanie Beel	32641778	Nat Commun	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

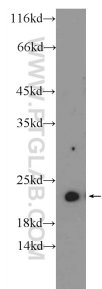
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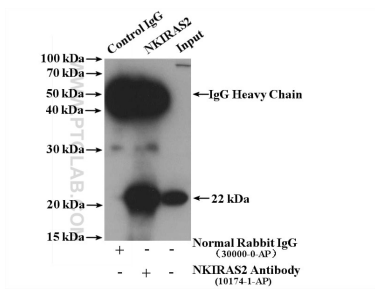
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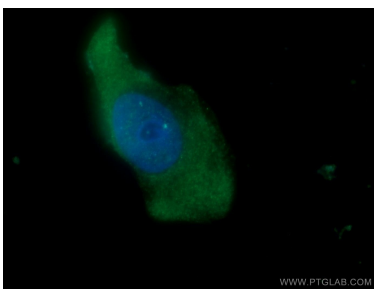
Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 10174-1-AP (NKIRAS2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-NKIRAS2 (IP:10174-1-AP, 4ug; Detection:10174-1-AP 1:300) with HEK-293 cells lysate 2400 ug.



Immunofluorescent analysis of A431 cells using 10174-1-AP (NKIRAS2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).