

For Research Use Only

# NKIRAS2 Polyclonal antibody

Catalog Number: 10174-1-AP **1 Publications**



## Basic Information

**Catalog Number:**

10174-1-AP

**Size:**

400 µg/ml

**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 µg for 1.0-3.0 mg of total protein lysate

IF 1:20-1:200

## Applications

**Tested Applications:**

IF/ICC, IP, WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human

**Cited Species:**

human

**Positive Controls:**

WB : HEK-293 cells, HepG2 cells

IP : HEK-293 cells,

IF : A431 cells,

## Background Information

I-Kappa-B-interacting Ras-like protein 2 (KBRAS2, MGC:4553), interact with the PEST domains of IκappaBα and IκappaBβ [inhibitors of the transcription factor nuclear factor kappa B (NF-κappaB)] and decrease their rate of degradation. KBRAS2 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

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

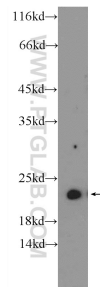
T: 4006900926

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

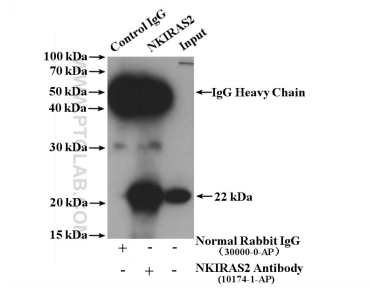
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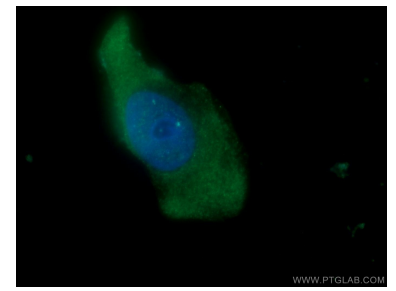
## Selected Validation Data



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 AffiniPure Goat Anti-Rabbit IgG(H+L).