

For Research Use Only

NKIRAS2 Polyclonal antibody

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



Basic Information

Catalog Number: 10174-1-AP	GenBank Accession Number: BC007450	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 28511	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: NFKB inhibitor interacting Ras-like 2	Calculated MW: 22 kDa
Isotype: IgG	Observed MW: 22 kDa	Immunogen Catalog Number: AG0221

Applications

Tested Applications: IF, IP, WB, ELISA	Positive Controls: WB : HEK-293 cells, HepG2 cells
Cited Applications: WB	IP : HEK-293 cells,
Species Specificity: human	IF : A431 cells,
Cited Species: human	

Background Information

I-Kappa-B-interacting Ras-like protein 2 (KBRAS2, MGC:4553), interact with the PEST domains of I kappa Balpha and I kappa Bbeta [inhibitors of the transcription factor nuclear factor kappa B (NF-kappaB)] 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

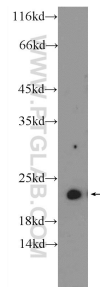
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

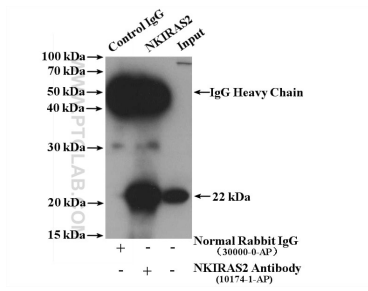
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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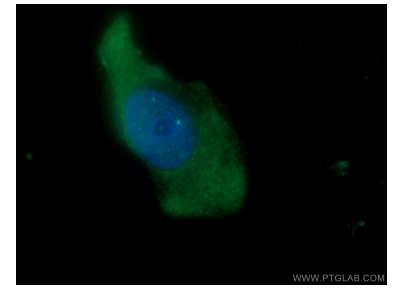
Selected Validation Data



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).