For Research Use Only

NKIRAS2 Polyclonal antibody

Catalog Number:10174-1-AP 3 Publications

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Basic Information

Catalog Number:
10174-1-AP

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: 1:200-1:800

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 : HeLa cells,

Background Information

I-Kappa-B-interacting Ras-like protein 2 (KBRAS2, 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. 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
Fangfang Li	40682103	Cell Commun Signal	WB
Na Jiang	40210660	Nat Commun	WB

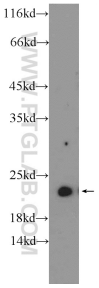
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

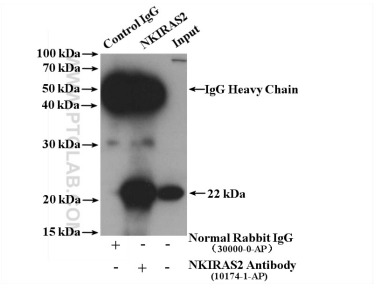
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

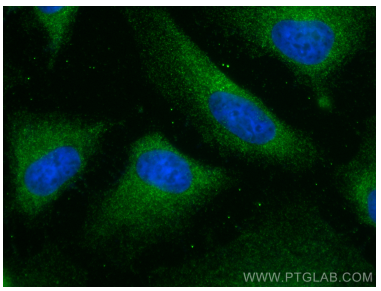
Selected Validation Data



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 (-20°C Ethanol) fixed HeLa cells using NKIRAS2 antibody (10174-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).