

For Research Use Only

NKRF Polyclonal antibody

Catalog Number: 14693-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number: 14693-1-AP	GenBank Accession Number: BC068514	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55922	Recommended Dilutions: WB 1:5000-1:50000 IP 0.5-4.0 ug for IP and 1:5000-1:50000 for WB
Source: Rabbit	Full Name: NFKB repressing factor	
Isotype: IgG	Calculated MW: 78 kDa	
Immunogen Catalog Number: AG6252	Observed MW: 100 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls:
Cited Applications: ChIP, CoIP, IF, WB	WB : HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells
Species Specificity: human, mouse, rat	IP : HeLa cells,
Cited Species: human, mouse	

Background Information

NKRF, also named as Protein ITBA4 or Transcription factor NRF, is a 690 amino acid protein, which contains one G-patch domain and one R3H domain. NKRF is widely and constitutively expressed, with lower level in colon, peripheral blood lymphocytes, lung and kidney. NKRF interacts with a specific negative regulatory element (NRE) 5'-AATTCCTCTGA-3' to mediate transcriptional repression of certain NK-kappa-B responsive genes. NKRF is involved in the constitutive silencing of the IFN-β promoter, independently of the virus-induced signals, and in the inhibition of the basal and cytokine-induced iNOS promoter activity.

Notable Publications

Author	Pubmed ID	Journal	Application
Xi Jin	32393270	Mol Cancer	WB
Huang Lisong L	23808420	Immunology	WB
Chenghu Guo	37667861	Adv Sci (Weinh)	WB,IF,CoIP,ChIP

Storage

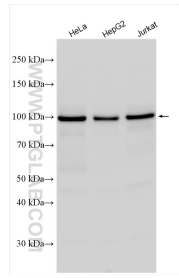
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

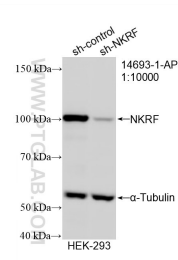
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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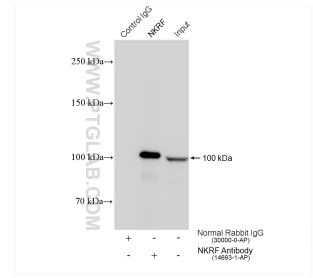
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14693-1-AP (NKRF antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



WB result of NKRF antibody (14693-1-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NKRF transfected HEK-293 cells.



IP result of anti-NKRF(IP:14693-1-AP, 4ug; Detection:14693-1-AP 1:10000) with HeLa cells lysate 840 ug.