

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-RNF4



Numéro de catalogue: 17810-1-AP

Phare

6 Publications

Informations de base

Numéro de catalogue:

17810-1-AP

Taille:

150ul, Concentration: 700 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG12115

Numéro d'acquisition GenBank:

BC031935

Identification du gène (NCBI):

6047

Nom complet:

ring finger protein 4

MW calculé

190 aa, 21 kDa

MW observés:

30 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

Applications

Applications testées:

IP, WB, ELISA

Demandes citées:

CoIP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules PC-3,

IP : cellules PC-3,

Informations générales

RNF4 is a E3 ubiquitin-protein ligase that binds polysumoylated chains covalently attached to proteins and mediates 'Lys-6', 'Lys-11', 'Lys-48' and 'Lys-63'-linked polyubiquitination of those substrates and their subsequent targeting to the proteasome for degradation. It regulates the degradation of several proteins including PML and PEA3 [PMID:18408734]. It also participates in chromosome alignment and spindle assembly, and regulates the kinetochore CENPH-CENPI-CENPK complex by targeting polysumoylated CENPI to proteasomal degradation. In addition, RNF4 can regulate the cellular responses to hypoxia and heat shock through degradation of respectively EPAS1 and PARP1 [PMID:20026589]. Alternatively, it may also bind DNA/nucleosomes and have a more direct role in the regulation of transcription for instance enhancing basal transcription and steroid receptor-mediated transcriptional activation [PMID:11319220]. RNF4 exist as two isoforms. Isoform one is a 30 kDa protein and isoform two is a about 15 kDa protein. RNF4 binds polysumoylated chains and the molecular weight of RNF4 migrate in the experiment to 35 kDa, 47 kDa, 69 kDa as ubiquitinated protein.

Publications notables

Autrice	Pubmed ID	Journal	Application
Tao Zhang	36050397	Nat Commun	WB
Tatsuya Shimada	34071450	Int J Mol Sci	WB
Carl C Ward	31059647	ACS Chem Biol	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

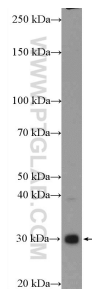
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

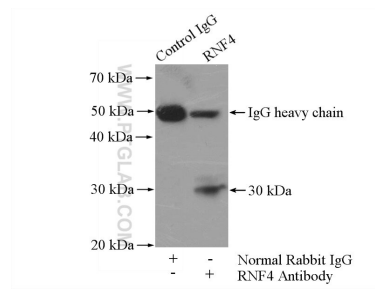
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



PC-3 cells were subjected to SDS PAGE followed by western blot with 17810-1-AP (RNF4 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP Result of anti-RNF4 (IP:17810-1-AP, 4ug; Detection:17810-1-AP 1:300) with PC-3 cells lysate 3200ug.