

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-RNF8



Numéro de catalogue: 14112-1-AP

Phare

18 Publications

## Informations de base

Numéro de catalogue:

14112-1-AP

Taille:

150ul, Concentration: 650 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG5292

Numéro d'acquisition GenBank:

BC007517

Identification du gène (NCBI):

9025

Nom complet:

ring finger protein 8

MW calculé

485 aa, 56 kDa

MW observés:

56-60 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:20-1:200

IF 1:20-1:200

## Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules HeLa, cellules HEK-293, cellules K-562

IP : cellules HeLa,

IHC : tissu testiculaire humain,

IF : cellules HeLa,

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

## Informations générales

RNF8, also named as KIAA0646 or E3 ubiquitin-protein ligase RNF8, is a 485 amino acid protein, which contains one RING-type zinc finger and one FHA domain. RNF8 localizes in the nucleus and belongs to the RNF8 family. E2-E3 ubiquitin ligase complex is composed of the RNF8 homodimer and a E2 heterodimer of UBE2N and UBE2V2. E3 ubiquitin-protein ligase that plays a key role in DNA damage signaling via 2 distinct roles: by mediating the 'Lys-63'-linked ubiquitination of histones H2A and H2AX and promoting the recruitment of DNA repair proteins at double-strand breaks (DSBs) sites, and by catalyzing 'Lys-48'-linked ubiquitination to remove target proteins from DNA damage sites.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Dong-Mei Hai	34588981	Front Pharmacol	WB
Jingyuan Sun	33087136	J Exp Clin Cancer Res	WB,IF
Abhay Narayan Singh	31613024	EMBO J	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.

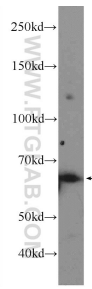
For technical support and original validation data for this product please contact:

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

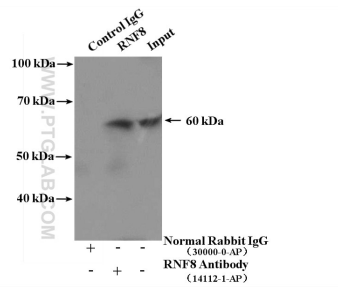
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

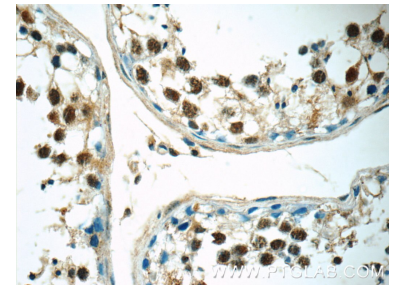
## Données de validation sélectionnées



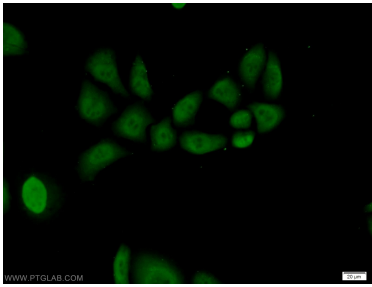
HeLa cells were subjected to SDS PAGE followed by western blot with 14112-1-AP (RNF8 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



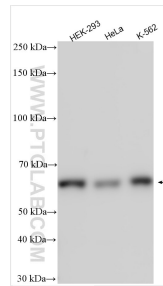
IP Result of anti-RNF8 (IP:14112-1-AP, 4ug; Detection:14112-1-AP 1:600) with HeLa cells lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 14112-1-AP (RNF8 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 14112-1-AP (RNF8 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 14112-1-AP (RNF8 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.