

Nur für Forschungszwecke

# RNF8 Polyklonaler Antikörper

Katalog-Nr.: 14112-1-AP

Vorgestelltes Produkt

17 Publikationen



## Allgemeine Informationen

### Katalog-Nr.:

14112-1-AP

### Größe:

150ul, Konzentration: 650 µg/ml von Nanodrop;

### Wirt:

Kaninchen

### Isotyp:

IgG

### Immunogen Katalognummer:

AG5292

### GenBank-Zugangsnummer:

BC007517

### GeneID (NCBI):

9025

### Vollständiger Name:

ring finger protein 8

### Berechnete Masse:

485 aa, 56 kDa

### Beobachtete Masse:

56-60 kDa

### Reinigungsmethode:

Antigen-Affinitätsreinigung

### Empfohlene Verdünnungen:

WB 1:500-1:1000  
IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB  
IHC 1:20-1:200  
IF 1:20-1:200

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

### In Publikationen genannte Anwendungen:

CoIP, IF, IHC, IP, WB

### Getestete Reaktivität:

Human, Maus, Ratte

### Zitierte Arten:

Human, Maus

### Positivkontrollen:

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

IP: HeLa-Zellen,

IHC: humanes Hodengewebe,

IF: HeLa-Zellen,

**Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

## Hintergrundinformationen

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.

## Bemerkenswerte Veröffentlichungen

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

## Lagerung

### Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

### Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

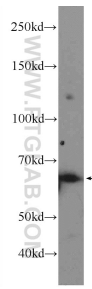
For technical support and original validation data for this product please contact:

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

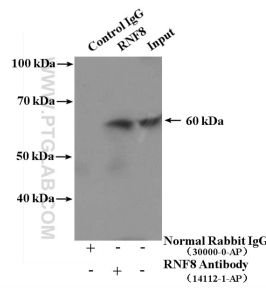
E: proteintech@ptglab.com  
W: ptglab.com

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

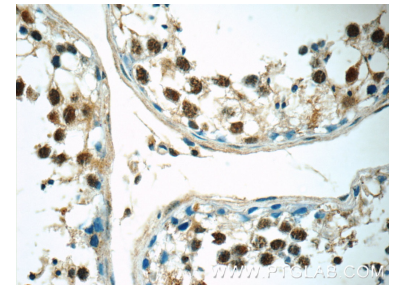
## Ausgewählte Validierungsdaten



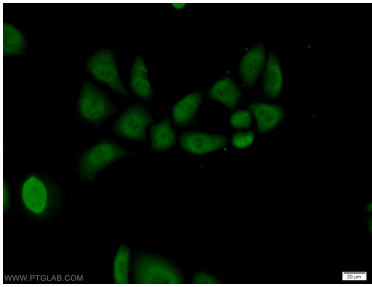
HeLa cells were subjected to SDS PAGE followed by western blot with 14112-1-AP (RNF8 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



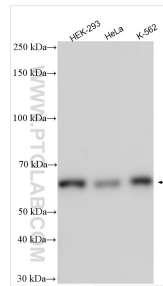
IP Result of anti-RNF8 (IP:14112-1-AP, 4ug; Detection:14112-1-AP 1:600) with HeLa cells lysate 3200ug.



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.