

Nur für Forschungszwecke

# EXOSC2 Polyklonaler Antikörper

Katalog-Nr.:14805-1-AP

Vorgestelltes Produkt

3 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
14805-1-AP

Größe:  
150ul, Konzentration: 350 µg/ml von  
Nanodrop und 213 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG6525

GenBank-Zugangsnummer:  
BC000747

GeneID (NCBI):  
23404

Vollständiger Name:  
exosome component 2

Berechnete Masse:  
33 kDa

Beobachtete Masse:  
30-33 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000  
IP 0.5-4.0 µg für IP und 1:500-1:2000  
für WB  
IHC 1:20-1:200  
IF 1:20-1:200

## Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human

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

Positivkontrollen:

WB: HeLa-Zellen, HEK-293-Zellen, HepG2-Zellen,  
Jurkat-Zellen, MCF-7-Zellen

IP: HeLa-Zellen,

IHC: humanes Hautkrebsgewebe,

IF: MCF-7-Zellen,

## Hintergrundinformationen

In the nucleus, the RNA exosome complex is involved in proper maturation of stable RNA species such as rRNA, snoRNA and snRNA, in the elimination of RNA processing by-products and non-coding 'pervasive' transcripts, such as antisense RNA species and promoter-upstream transcripts (PROMPTs), and of mRNAs with processing defects, thereby limiting or excluding their export to the cytoplasm. In the cytoplasm, the RNA exosome complex is involved in general mRNA turnover and specifically degrades inherently unstable mRNAs containing AU-rich elements (AREs) within their 3' untranslated regions, and in RNA surveillance pathways, preventing translation of aberrant mRNAs [PMID:15346807]. EXOSC2 is a non-catalytic component of the RNA exosome complex that has 3'->5' exonuclease activity and involves in a multitude of cellular RNA processing and degradation events [PMID:17545563].

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Tobias Moll	36241425	Life Sci Alliance	WB
Hani Goodarzi	27259150	Cell	WB,IF
Jakob Trendel	30528433	Cell	

## 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

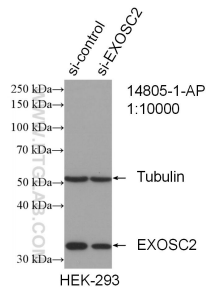
For technical support and original validation data for this product please contact:

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

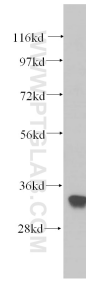
E: proteintech@ptglab.com  
W: ptglab.com

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

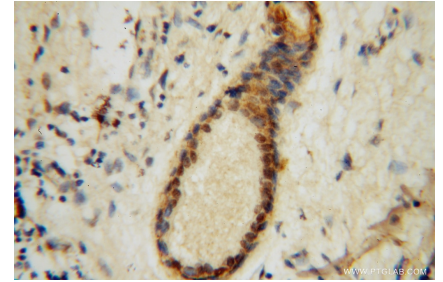
## Ausgewählte Validierungsdaten



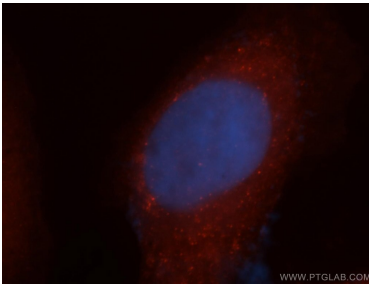
WB result of EXOSC2 antibody (14805-1-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EXOSC2 transfected HEK-293 cells.



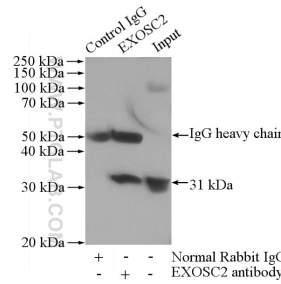
HeLa cells were subjected to SDS PAGE followed by western blot with 14805-1-AP (EXOSC2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin cancer using 14805-1-AP (EXOSC2 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of MCF-7 cells, using EXOSC2 antibody 14805-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-EXOSC2 (IP:14805-1-AP, 4ug; Detection:14805-1-AP 1:1000) with HeLa cells lysate 1080ug.