

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-EXOSC2



Numéro de catalogue: 14805-1-AP

Phare

3 Publications

## Informations de base

Numéro de catalogue:

14805-1-AP

Taille:

150ul, Concentration: 350 µg/ml by Nanodrop and 213 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG6525

Numéro d'acquisition GenBank:

BC000747

Identification du gène (NCBI):

23404

Nom complet:

exosome component 2

MW calculé

33 kDa

MW observés:

30-33 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

IHC 1:20-1:200

IF 1:20-1:200

## Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

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

Contrôles positifs:

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

IP : cellules HeLa,

IHC : tissu de cancer de la peau humain,

IF : cellules MCF-7,

## Informations générales

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].

## Publications notables

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

## 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.

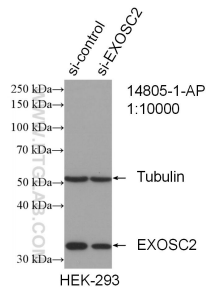
For technical support and original validation data for this product please contact:

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

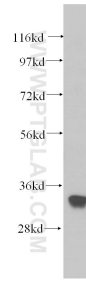
E: proteintech@ptglab.com  
W: ptglab.com

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

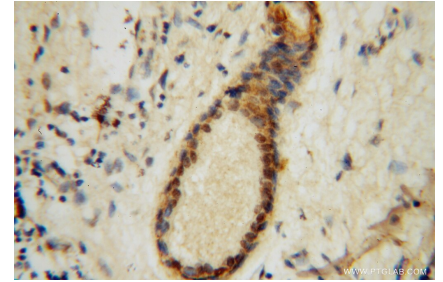
## Données de validation sélectionnées



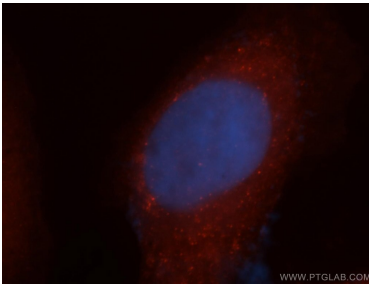
WB result of EXOSC2 antibody (14805-1-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EXOSC2 transfected HEK-293 cells.



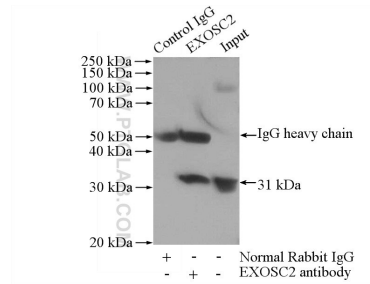
HeLa cells were subjected to SDS PAGE followed by western blot with 14805-1-AP (EXOSC2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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.