

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-EXOSC10



Numéro de catalogue: 11178-1-AP

Phare

6 Publications

## Informations de base

Numéro de catalogue:  
11178-1-AP

Taille:  
150ul, Concentration: 200 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG1666

Numéro d'acquisition GenBank:  
BC039901

Identification du gène (NCBI):  
5394

Nom complet:  
exosome component 10

MW calculé  
98 kDa

MW observés:  
100 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 1:200-1:1000 for WB  
IHC 1:20-1:200  
IF 1:20-1:200

## Applications

Applications testées:  
IF, IHC, IP, WB, ELISA

Demandes citées:  
IF, IP, RIP, WB

Spécificité de l'espèce:  
Humain, souris

Espèces citées:  
Humain, souris

**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,

IP : cellules MCF-7,

IHC : tissu de cancer du sein humain,

IF : cellules NIH/3T3,

## Informations générales

About 50% of patients with polymyositis/scleroderma (PM-Scl) overlap syndrome are reported to have autoantibodies to a nucleolar particle termed PM-Scl. Exosome component 10 (EXOSC10), also named autoantigen PM/Scl 2, is the 100 kDa antigen component of PM-Scl and is recognized by most sera of PM-Scl patients. EXOSC10 is strongly enriched in the nucleolus and a small amount has been found in cytoplasm supporting the existence of a nucleolar RNA exosome complex form. As a putative catalytic component of the RNA exosome complex which has 3'->5' exonuclease activity, EXOSC10 participates in a multitude of cellular RNA processing and degradation events.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Tobias Moll	36241425	Life Sci Alliance	WB
Pauline Antonie Ulmke	33462115	Development	WB,RIP
Roy Matkovic	35013187	Nat Commun	IP

## 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.

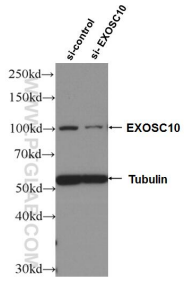
For technical support and original validation data for this product please contact:

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

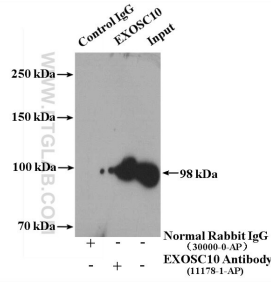
E: proteintech@ptglab.com  
W: ptglab.com

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

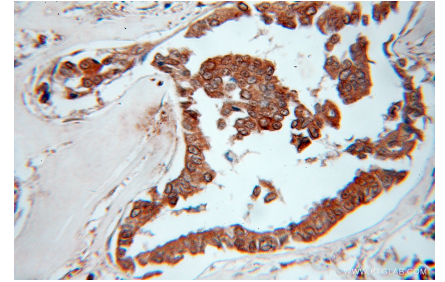
## Données de validation sélectionnées



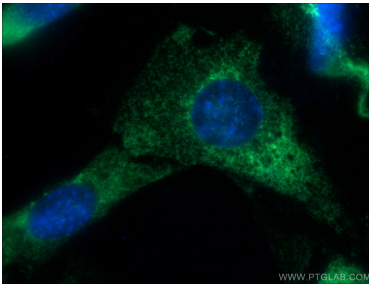
WB result of EXOSC10 antibody (11178-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EXOSC10 transfected HeLa cells.



IP result of anti-EXOSC10 (IP:11178-1-AP, 4ug; Detection:11178-1-AP 1:300) with MCF-7 cells lysate 3200 ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer using 11178-1-AP (EXOSC10 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of NIH/3T3 cells using 11178-1-AP (EXOSC10 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).