

For Research Use Only

# EXOSC9 Polyclonal antibody

Catalog Number: 24470-1-AP

Featured Product

1 Publications



## Basic Information

### Catalog Number:

24470-1-AP

### Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG19768

### GenBank Accession Number:

BC142978

### GeneID (NCBI):

5393

### UNIPROT ID:

Q06265

### Full Name:

exosome component 9

### Calculated MW:

456 aa, 51 kDa

### Observed MW:

65-70 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse

### Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB** : HEK-293 cells, MCF-7 cells, HeLa cells, HepG2 cells, NIH/3T3 cells

**IHC** : human prostate hyperplasia tissue, mouse kidney tissue

**IF/ICC** : HeLa cells,

## Background Information

EXOSC9, also named as PMSC1 and PM/Scl-75, is a key subunit of the exosome complex. EXOSC9 maintains self-renewal in a cell-autonomous manner. EXOSC9 has 4 isoforms with MW 49 kDa, 51 kDa, 39 kDa and 41 kDa. It's polymyositis/scleroderma auto-antigen 75 kDa. The MW of EXOSC9 is migrated to 60-75 kDa for modification in WB detection.

## Notable Publications

Author	Pubmed ID	Journal	Application
Tobias Moll	36241425	Life Sci Alliance	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

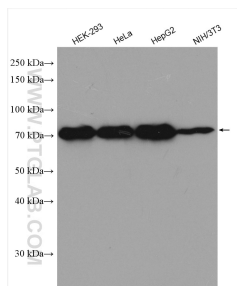
For technical support and original validation data for this product please contact:

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

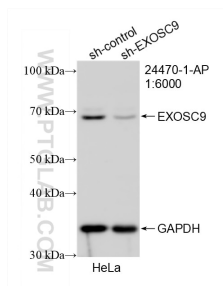
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

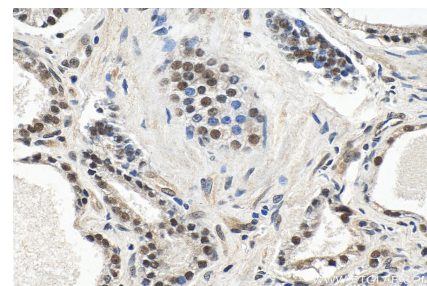
## Selected Validation Data



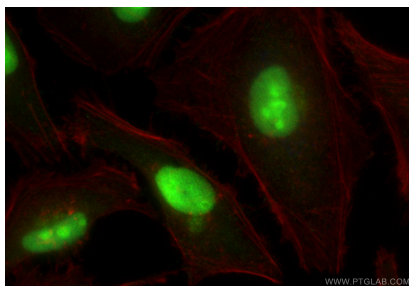
Various lysates were subjected to SDS PAGE followed by western blot with 24470-1-AP (EXOSC9 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



WB result of EXOSC9 antibody (24470-1-AP; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EXOSC9 transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia tissue slide using 24470-1-AP (EXOSC9 antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using EXOSC9 antibody (24470-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).