For Research Use Only

EXOSC9 Polyclonal antibody

Catalog Number:24470-1-AP Featured Product 1 Publications

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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 1:10-1:100

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 PMSCL1 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

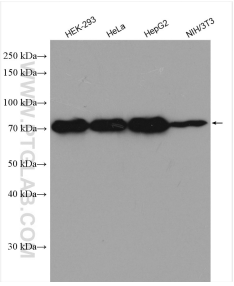
Author	Pubmed ID	Journal	Application
Tobias Moll	36241425	Life Sci Alliance	WB

Storage

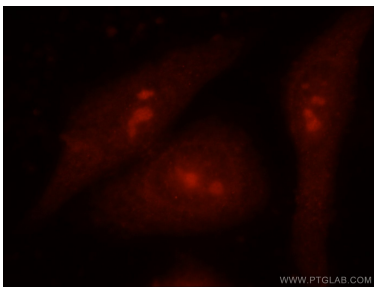
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

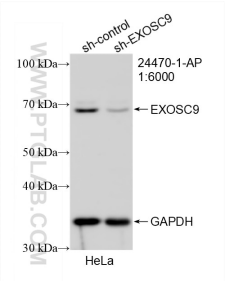
Selected Validation Data



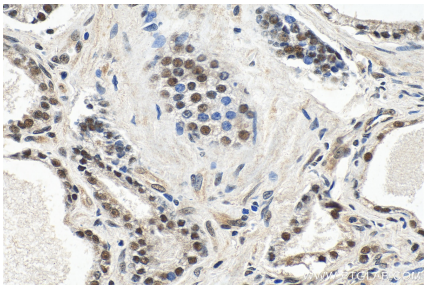
Various lysates were subjected to SDS PAGE followed by western blot with 24470-1-AP (EXOSC9 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells using 24470-1-AP (EXOSC9 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



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).