

For Research Use Only

EXOSC8 Polyclonal antibody

Catalog Number: 11979-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number: 11979-1-AP	GenBank Accession Number: BC020773	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 240 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 11340	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: exosome component 8	IHC 1:20-1:200
Isotype: IgG	Calculated MW: 276 aa, 30 kDa	IF 1:20-1:200
Immunogen Catalog Number: AG2605	Observed MW: 30-35 kDa	

Applications

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

Cited Applications:
IF, IP, WB

Species Specificity:
human

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, HeLa cells, human brain tissue

IP : HEK-293 cells,

IHC : human testis tissue, human colon tissue, human pancreas cancer tissue

IF : 4T1 cells,

Background Information

EXOSC8 (exosome component 8), also known as p9 or CIP3, is a component of the exosome multi-enzyme ribonuclease complex, that degrades or processes messenger RNA. It belongs to the RNase PH family and localizes to the nucleolus. EXOSC8 is one of the six RNase-PH domain subunits of the exosome. EXOSC8 is part of the central hexamer channel of the exosome. EXOSC8 mutations could alter mRNA metabolism and cause hypomyelination with spinal muscular atrophy and cerebellar hypoplasia.

Notable Publications

Author	Pubmed ID	Journal	Application
Tobias Moll	36241425	Life Sci Alliance	WB
María Elena Rodríguez-García	34210538	Neuromuscul Disord	WB
Caitlin A Nichols	32433464	Nat Commun	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

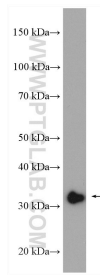
For technical support and original validation data for this product please contact:

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

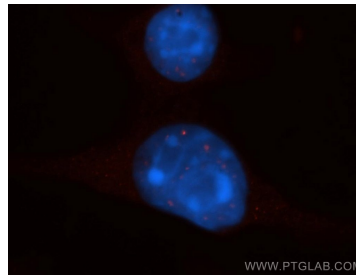
E: proteintech@ptglab.com
W: ptglab.com

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

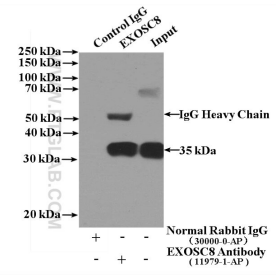
Selected Validation Data



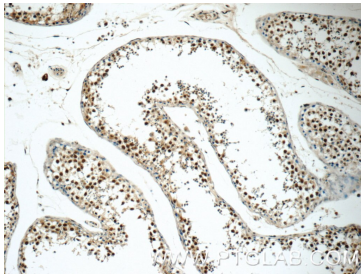
HEK-293 cells were subjected to SDS PAGE followed by western blot with 11979-1-AP (EXOSC8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



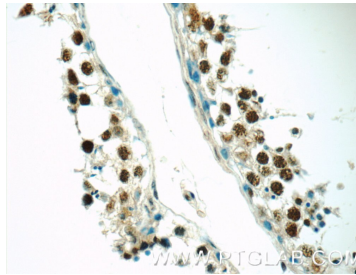
Immunofluorescent analysis of 4T1 cells, using EXOSC8 antibody 11979-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-EXOSC8 (IP:11979-1-AP, 4ug; Detection:11979-1-AP 1:500) with HEK-293 cells lysate 1560ug.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 11979-1-AP (EXOSC8 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 11979-1-AP (EXOSC8 Antibody) at dilution of 1:50 (under 40x lens).