

For Research Use Only

EXOSC7 Polyclonal antibody

Catalog Number: 25292-1-AP **2 Publications**



Basic Information

Catalog Number: 25292-1-AP	GenBank Accession Number: BC012831	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 280 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23016	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200 IF 1:50-1:500
Source: Rabbit	Full Name: exosome component 7	
Isotype: IgG	Calculated MW: 291 aa, 32 kDa	
Immunogen Catalog Number: AG18212	Observed MW: 37 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : MCF-7 cells, A431 cells, COLO 320 cells, HEK-293 cells, HeLa cells, HepG2 cells, Jurkat cells, K-562 cells IHC : human kidney tissue, human colon tissue IF : MCF-7 cells,
Cited Applications: IF, IP, 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	

Background Information

In the nucleus, the RNA exosome complex is involved in proper maturation of stable RNA species such as rRNA, snRNA and snoRNA, in the elimination of RNA processing by-products and non-coding 'pervasive' transcripts, such as antisense RNA species and promoter-upstream transcripts and of mRNAs with processing defects, thereby limiting or excluding their export to the cytoplasm. EXOSC7 also named as RRP42 or EAP1 is a 291 amino acid protein, which belongs to the RNase PH family. EXOSC7 is one of the six RNase-PH domain subunits of the exosome and required for the processing of the 7S pre-RNA

Notable Publications

Author	Pubmed ID	Journal	Application
Tobias Moll	36241425	Life Sci Alliance	WB
M Carmen Lafita-Navarro	37851577	Cell Rep	WB,IF,IP

Storage

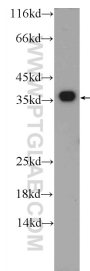
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

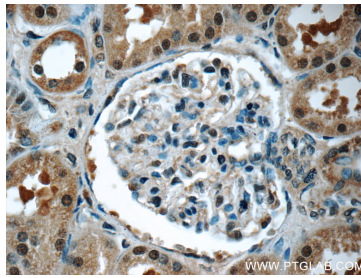
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

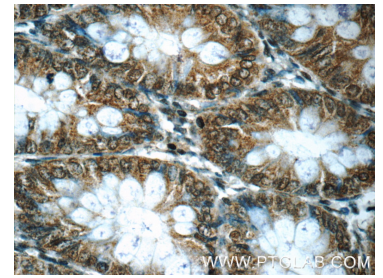
Selected Validation Data



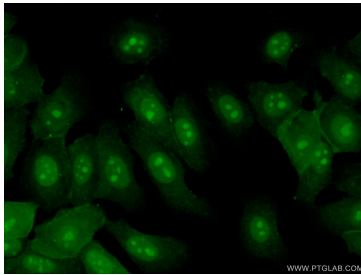
MCF-7 cells were subjected to SDS PAGE followed by western blot with 25292-1-AP (EXOSC7 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 25292-1-AP (EXOSC7 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 25292-1-AP (EXOSC7 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed MCF-7 cells using 25292-1-AP (EXOSC7 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).