

For Research Use Only

# EXOSC7 Monoclonal antibody, PBS Only



Catalog Number: 68456-1-PBS

## Basic Information

<b>Catalog Number:</b> 68456-1-PBS	<b>GenBank Accession Number:</b> BC012831	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 23016	<b>CloneNo.:</b> 2A4C6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q15024	
<b>Isotype:</b> IgG1	<b>Full Name:</b> exosome component 7	
<b>Immunogen Catalog Number:</b> AG18322	<b>Calculated MW:</b> 291 aa, 32 kDa	
	<b>Observed MW:</b> 35 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
Human, mouse, rat

## 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.

## Storage

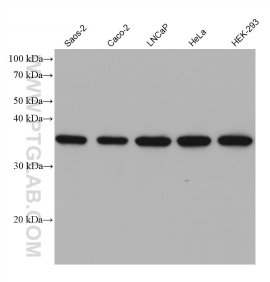
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

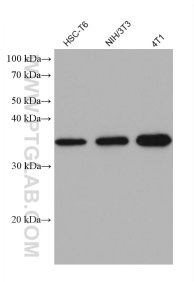
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68456-1-Ig (EXO5C7 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68456-1-PBS in a different storage buffer formulation.



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