

For Research Use Only

# URB1-Specific Polyclonal antibody

Catalog Number: 20023-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 20023-1-AP	<b>GenBank Accession Number:</b> NM_014825	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 9875	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> URB1 ribosome biogenesis 1 homolog (S. cerevisiae)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 254 kDa	
	<b>Observed MW:</b> 240-260 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : K-562 cells,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	

## Background Information

URB1, also named as C21orf108, KIAA0539 and NPA1, is a 2,271 amino acid protein that is homologous to the S. cerevisiae protein URB1 which is a nucleolar protein involved in the normal accumulation of 25S and 5.8S rRNAs and may also play a role in the biosynthesis of the 60S ribosomal unit. Also localized to the nucleolus, human URB1 is thought to have the same functions as S. cerevisiae URB1. The antibody is specific to URB1.

## Notable Publications

Author	Pubmed ID	Journal	Application
Lin Shan	36890225	Nature	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)  
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# Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 20023-1-AP (URB1-Specific antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.