

For Research Use Only

# POP5 Polyclonal antibody

Catalog Number: 13146-1-AP



## Basic Information

<b>Catalog Number:</b> 13146-1-AP	<b>GenBank Accession Number:</b> BC012505	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 200 µg/ml by Nanodrop and 220 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 51367	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q969H6	
<b>Isotype:</b> IgG	<b>Full Name:</b> processing of precursor 5, ribonuclease P/MRP subunit (S. cerevisiae)	
<b>Immunogen Catalog Number:</b> AG3710	<b>Calculated MW:</b> 163 aa, 19 kDa	
	<b>Observed MW:</b> 19 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A549 cells, HeLa cells, LNCaP cells
<b>Species Specificity:</b> human	

## Background Information

POP5 is a component of ribonuclease P and MRP ribonuclease complex that cleaves pre-rRNA sequences and generates mature tRNA molecules. Endogenous hPop5 protein is localized in the nucleus and accumulates in the nucleolus, which is consistent with its association with RNase MRP and RNase P. The human Pop5 cDNA encodes a protein of 163 amino acids with a predicted molecular mass of 18.8 kDa (PMID: 11413139).

## 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

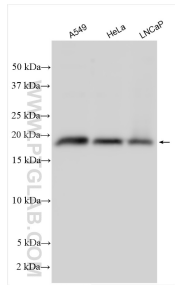
For technical support and original validation data for this product please contact:

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

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13146-1-AP (POP5 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.