

For Research Use Only

# POP5 Polyclonal antibody

Catalog Number: **13146-1-AP**



## Basic Information

Catalog Number:

**13146-1-AP**

Size:

**200 µg/ml**

Source:

**Rabbit**

Isotype:

**IgG**

Immunogen Catalog Number:

**AG3710**

GenBank Accession Number:

**BC012505**

GeneID (NCBI):

**51367**

UNIPROT ID:

**Q969H6**

Full Name:

**processing of precursor 5,  
ribonuclease P/MRP subunit (S.  
cerevisiae)**

Calculated MW:

**163 aa, 19 kDa**

Observed MW:

**19 kDa**

Purification Method:

**Antigen affinity purification**

Recommended Dilutions:

**WB 1:500-1:1000**

## Applications

Tested Applications:

**WB, ELISA**

Species Specificity:

**human**

Positive Controls:

**WB : A549 cells, HeLa cells, LNCaP cells**

## 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**

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

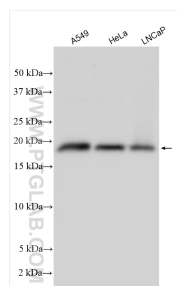
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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.