

**POP5 antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI14000****Specification**

---

**POP5 antibody - middle region - Product Information**

|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Application       | WB                                                                    |
| Primary Accession | <a href="#">Q969H6</a>                                                |
| Other Accession   | <a href="#">NM_015918</a> , <a href="#">NP_057002</a>                 |
| Reactivity        | Human, Mouse, Rat, Rabbit, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog |
| Predicted         | Human, Mouse, Rat, Pig, Chicken, Horse, Bovine, Dog                   |
| Host              | Rabbit                                                                |
| Clonality         | Polyclonal                                                            |
| Calculated MW     | 19kDa KDa                                                             |

**POP5 antibody - middle region - Additional Information****Gene ID** 51367**Alias Symbol** HSPC004, RPP2, RPP20, hPop5**Other Names**

Ribonuclease P/MRP protein subunit POP5, hPop5, 3.1.26.5, POP5

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-POP5 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

POP5 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

**POP5 antibody - middle region - Protein Information****Name** POP5**Function**

Component of ribonuclease P, a protein complex that generates mature tRNA molecules by cleaving their 5'-ends (PubMed: [11413139](http://www.uniprot.org/citations/11413139), PubMed: [30454648](http://www.uniprot.org/citations/30454648)). Also a component of the MRP ribonuclease complex, which cleaves pre-rRNA sequences (PubMed: [28115465](http://www.uniprot.org/citations/28115465)).

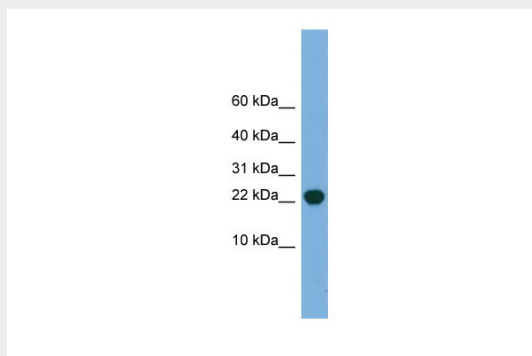
**Cellular Location**

Nucleus, nucleolus.

**POP5 antibody - middle region - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**POP5 antibody - middle region - Images**

WB Suggested Anti-POP5 Antibody Titration: 0.2-1  $\mu$ g/ml

Positive Control: Human Lung

**POP5 antibody - middle region - References**

van Eenennaam H., et al. J. Biol. Chem. 276:31635-31641(2001).  
Hu R.-M., et al. Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000).  
Zhang Q.-H., et al. Genome Res. 10:1546-1560(2000).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Suzuki Y., et al. Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.