

**RPS8 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51491**

**Specification**

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**RPS8 Antibody - Product Information**

Application	<b>WB, IP, IHC-P, E</b>
Primary Accession	<a href="#">P62241</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>30 KDa</b>

**RPS8 Antibody - Additional Information**

**Gene ID** 6202

**Other Names**

40S ribosomal protein S8, RPS8

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**RPS8 Antibody - Protein Information**

**Name** RPS8 ([HGNC:10441](#))

**Function**

Component of the small ribosomal subunit (PubMed: [23636399](http://www.uniprot.org/citations/23636399)). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed: [23636399](http://www.uniprot.org/citations/23636399)). Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome (PubMed: [34516797](http://www.uniprot.org/citations/34516797)).

**Cellular Location**

Cytoplasm. Membrane; Lipid-anchor. Nucleus, nucleolus. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

## **RPS8 Antibody - 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](#)

## **RPS8 Antibody - Images**

## **RPS8 Antibody - References**

Davies B., et al. Genomics 15:68-75(1993).  
Shichijo S., et al. Submitted (MAY-2001) to the EMBL/GenBank/DDBJ databases.  
Vladimirov S.N., et al. Eur. J. Biochem. 239:144-149(1996).  
Joeson L., et al. Mol. Cell. Proteomics 6:798-811(2007).  
Dephoure N., et al. Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).