

RPS16 / S16 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS16181**Specification**

RPS16 / S16 Antibody - Product Information

Application	IHC
Primary Accession	P62249
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16kDa kDa

RPS16 / S16 Antibody - Additional Information**Gene ID** 6217**Other Names**

40S ribosomal protein S16, RPS16

Target/Specificity

Human RPS16 / S16

Reconstitution & Storage

Aliquot and store at -20°C or -80°C. Avoid freeze-thaw cycles.

Precautions

RPS16 / S16 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

RPS16 / S16 Antibody - Protein Information**Name** RPS16 ([HGNC:10396](#))**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

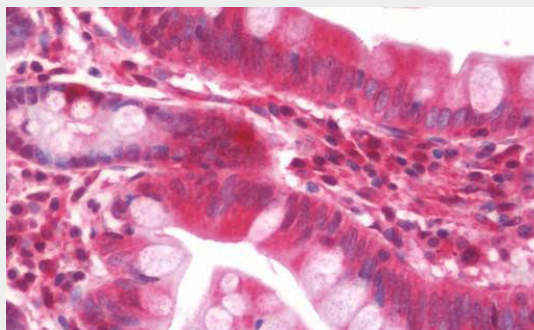
Cytoplasm. Nucleus, nucleolus

RPS16 / S16 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](#)

RPS16 / S16 Antibody - Images



Anti-RPS16 / S16 antibody IHC staining of human small intestine.

RPS16 / S16 Antibody - References

- Batra S.K., et al. J. Biol. Chem. 266:6830-6833(1991).
Yoshihama M., et al. Genome Res. 12:379-390(2002).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Vladimirov S.N., et al. Eur. J. Biochem. 239:144-149(1996).