

RPS19 Antibody
Rabbit mAb
Catalog # AP91693

Specification

RPS19 Antibody - Product Information

Application	WB, IHC, IP
Primary Accession	P39019
Reactivity	Rat
Clonality	Monoclonal
Other Names	
DBA; DBA1; Ribosomal protein S19; rps19; S19;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	16060 Da

RPS19 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human RPS19
Description	Required for pre-rRNA processing and maturation of 40S ribosomal subunits.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

RPS19 Antibody - Protein Information

Name RPS19 ([HGNC:10402](#))

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)). Required for pre- rRNA processing and maturation of 40S ribosomal subunits (PubMed:[16990592](http://www.uniprot.org/citations/16990592)). 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:[16990592](#)).

href="http://www.uniprot.org/citations/34516797" target="_blank">34516797).

Cellular Location

Cytoplasm. Nucleus, nucleolus

Tissue Location

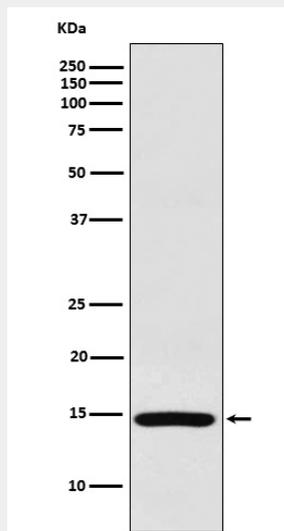
Higher level expression is seen in the colon carcinoma tissue than normal colon tissue

RPS19 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](#)

RPS19 Antibody - Images



Western blot analysis of RPS19 expression in HeLa cell lysate.