

RPS13 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP53320**Specification**

RPS13 Antibody - Product Information

Application	WB
Primary Accession	P62277
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17 KDa
Antigen Region	80-129

RPS13 Antibody - Additional Information**Gene ID** 6207**Other Names**

40S ribosomal protein S13, RPS13

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RPS13. The exact sequence is proprietary.

Dilution

WB~~ 1:1000

Format

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol

Storage

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

RPS13 Antibody - Protein Information**Name** RPS13 ([HGNC:10386](#))**Function**

Component of the small ribosomal subunit. The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell. 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).

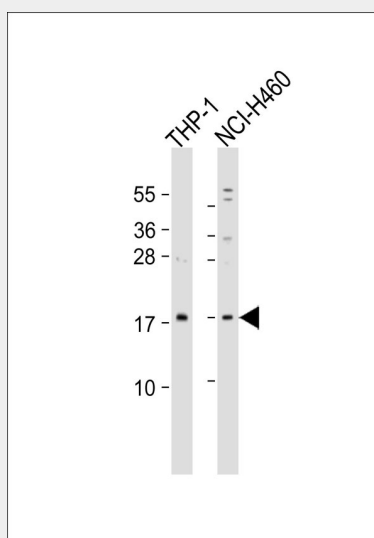
Cellular Location

Cytoplasm. Nucleus, nucleolus

RPS13 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](#)

RPS13 Antibody - Images

All lanes : Anti-RPS13 Antibody at 1:1000 dilution Lane 1: THP-1 whole cell lysate Lane 2: NCI-H460 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 17 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

RPS13 Antibody - References

Chadeneau C., et al. Nucleic Acids Res. 21:2945-2945(1993).
Filipenko M.L., et al. Submitted (MAY-1994) to the EMBL/GenBank/DDBJ databases.
Kenmochi N., et al. Biochem. Biophys. Res. Commun. 228:371-374(1996).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.