

RPS12 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP53319**Specification**

RPS12 Antibody - Product Information

Application	WB
Primary Accession	P25398
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15 KDa
Antigen Region	83-132

RPS12 Antibody - Additional Information**Gene ID** 6206**Other Names**

40S ribosomal protein S12, RPS12

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human RPS12. 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

RPS12 Antibody - Protein Information**Name** RPS12 ([HGNC:10385](#))**Function**

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). Subunit of the 40S ribosomal complex (By similarity).

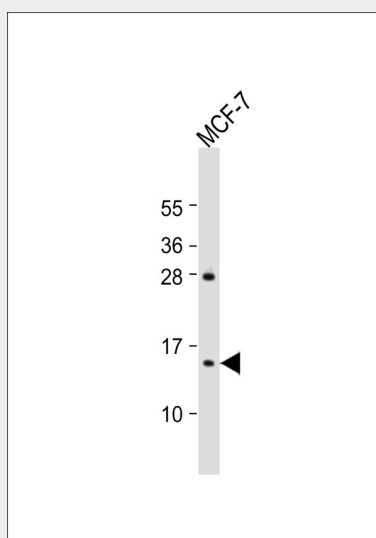
Cellular Location

Cytoplasm. Nucleus, nucleolus

RPS12 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](#)

RPS12 Antibody - Images

Anti-RPS12 Antibody at 1:1000 dilution + MCF-7 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 : 15 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

RPS12 Antibody - References

- Herauld Y., et al. Nucleic Acids Res. 19:4001-4001(1991).
Yoshihama M., et al. Genome Res. 12:379-390(2002).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mungall A.J., et al. Nature 425:805-811(2003).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.