

RPL13 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12091**Specification**

RPL13 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	P26373
Other Accession	NM_000977 , NP_000968
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 23kDa kDa

RPL13 antibody - C-terminal region - Additional Information**Gene ID** 6137

Alias Symbol **BBC1, D16S444E, MGC71373, L13, D16S44E**
Other Names
60S ribosomal protein L13, Breast basic conserved protein 1, RPL13, BBC1

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-RPL13 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

RPL13 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

RPL13 antibody - C-terminal region - Protein Information

Name RPL13

Synonyms BBC1

Function

Component of the ribosome, a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed: [31630789](http://www.uniprot.org/citations/31630789), PubMed: [23636399](http://www.uniprot.org/citations/23636399), PubMed: [32669547](http://www.uniprot.org/citations/32669547)). The small ribosomal subunit (SSU) binds messenger RNAs (mRNAs) and translates the encoded message by selecting cognate aminoacyl-transfer RNA (tRNA)

molecules (Probable). The large subunit (LSU) contains the ribosomal catalytic site termed the peptidyl transferase center (PTC), which catalyzes the formation of peptide bonds, thereby polymerizing the amino acids delivered by tRNAs into a polypeptide chain (Probable). The nascent polypeptides leave the ribosome through a tunnel in the LSU and interact with protein factors that function in enzymatic processing, targeting, and the membrane insertion of nascent chains at the exit of the ribosomal tunnel (Probable). As part of the LSU, it is probably required for its formation and the maturation of rRNAs (PubMed:31630789). Plays a role in bone development (PubMed:31630789).

Cellular Location

Cytoplasm

Tissue Location

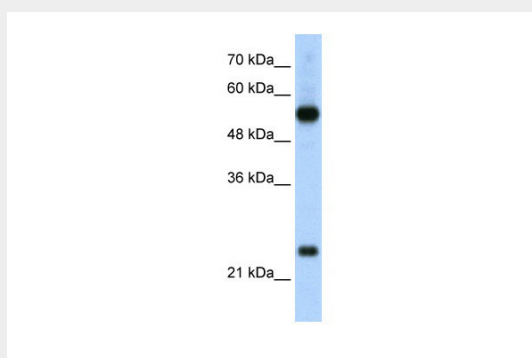
Higher levels of expression in benign breast lesions than in carcinomas.

RPL13 antibody - C-terminal region - 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](#)

RPL13 antibody - C-terminal region - Images



WB Suggested Anti-RPL13 Antibody Titration: 2.5µg/ml

Positive Control: HepG2 cell lysate

There is BioGPS gene expression data showing that RPL13 is expressed in HepG2

RPL13 antibody - C-terminal region - References

Bi,W.,(2002)GenomeRes.12(5),713-728ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto 1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.