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RPS5 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15051

Specification

RPS5 antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	P46782
Other Accession	NM_001009, NP_001000
Reactivity	**Human, Mouse, Rat, Pig, Bovine, Dog**
Predicted	**Mouse, Rat, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**23kDa KDa**

RPS5 antibody - C-terminal region - Additional Information

Gene ID 6193

Alias Symbol	**S5**

Other Names
40S ribosomal protein S5, 40S ribosomal protein S5, N-terminally processed, RPS5

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

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-RPS5 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
RPS5 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

RPS5 antibody - C-terminal region - Protein Information

Name RPS5 (HGNC:10426)

Function
Component of the small ribosomal subunit (PubMed:23636399). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed: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:<a

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

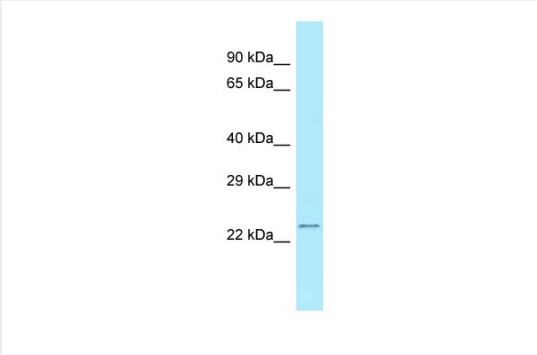
Cellular Location
Cytoplasm. Nucleus, nucleolus

RPS5 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 Cytomety
- Cell Culture

RPS5 antibody - C-terminal region - Images



WB Suggested Anti-RPS5 Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Lung

RPS5 antibody - C-terminal region - References

Frigerio J.-M.,et al.Biochim. Biophys. Acta 1262:64-68(1995).
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.
Bienvenut W.V.,et al.Submitted (JUN-2005) to UniProtKB.