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RPS5 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15051

Product Information

Application	WB
Primary Accession	P46782
Other Accession	NM_001009, NP_001000
Reactivity	Human, Mouse, Rat, Pig, Dog, Bovine
Predicted	Mouse, Rat, Zebrafish, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22876

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.

Protein Information

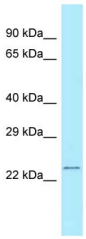
Name	RPS5 (HGNC:10426)
Function	Component of the small ribosomal subunit (PubMed: 23636399). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:23636399). Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal 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:34516797).

Cellular Location Cytoplasm. Nucleus, nucleolus

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.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.