

RPS8 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51491

Product Information

Application	WB, IP, IHC-P
Primary Accession	P62241
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24205

Additional Information

Gene ID	6202
Other Names	40S ribosomal protein S8, RPS8
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RPS8. The exact sequence is proprietary.
Dilution	WB~~1:1000 IP~~N/A IHC-P~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	RPS8 (HGNC:10441)
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. Membrane; Lipid-anchor. Nucleus, nucleolus. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

References

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Shichijo S.,et al.Submitted (MAY-2001) to the EMBL/GenBank/DDBJ databases.

Vladimirov S.N.,et al.Eur. J. Biochem. 239:144-149(1996).

Joeson L.,et al.Mol. Cell. Proteomics 6:798-811(2007).

Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).

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