10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RRP9 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI11766

Product Information

Application	WB
Primary Accession	O43818
Other Accession	NM_004704, NP_004695
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Rabbit, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51841

Additional Information

Gene ID	9136
Alias Symbol	U3-55K, RNU3IP2
Other Names	U3 small nucleolar RNA-interacting protein 2, RRP9 homolog, U3 small nucleolar ribonucleoprotein-associated 55 kDa protein, U3 snoRNP-associated 55 kDa protein, U3-55K, RRP9, RNU3IP2, U355K
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-RRP9 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	RRP9 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

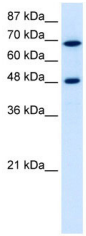
Name	RRP9 (HGNC:16829)
Function	Component of a nucleolar small nuclear ribonucleoprotein particle (snoRNP) thought to participate in the processing and modification of pre-ribosomal RNA (pre-rRNA) (PubMed:26867678). Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal 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 Nucleus, nucleolus

References

Verheggen,C., (2002) EMBO J. 21 (11), 2736-2745Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-RRP9 Antibody Titration: 5.0µg/ml
Positive Control: Jurkat cell lysate
RRP9 is supported by BioGPS gene expression data to be expressed in Jurkat