

RPS9 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51492

Product Information

Application	WB
Primary Accession	P46781
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22591

Additional Information

Gene ID	6203
Other Names	40S ribosomal protein S9, RPS9
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RPS9. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
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	RPS9 (HGNC:10442)
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. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

References

Frigerio J.-M.,et al.Biochim. Biophys. Acta 1262:64-68(1995).

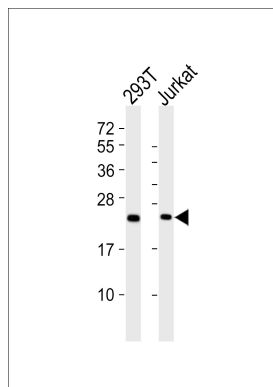
Yoshihama M.,et al.Genome Res. 12:379-390(2002).

Grimwood J.,et al.Nature 428:529-535(2004).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

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

Images



All lanes : Anti-RPS9 Antibody at 1:1000 dilution Lane 1: 293T whole cell lysates Lane 2: Jurkat whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 23 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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