

Rps6 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14669

Product Information

Application	WB
Primary Accession	P62755
Other Accession	NM_017160 , NP_058856
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Guinea Pig, Horse, Bovine
Predicted Host	Human, Mouse, Pig, Chicken, Goat, Dog, Horse
Clonality	Rabbit
Calculated MW	Polyclonal 28681

Additional Information

Gene ID	29304
Other Names	40S ribosomal protein S6, Rps6
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-Rps6 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	Rps6 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

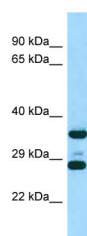
Protein Information

Name	Rps6
Function	Component of the 40S small ribosomal subunit. Plays an important role in controlling cell growth and proliferation through the selective translation of particular classes of mRNA. 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.
Cellular Location	Cytoplasm {ECO:0000250 UniProtKB:P62753}. Nucleus, nucleolus {ECO:0000250 UniProtKB:P62753}

References

Chan Y.-L.,et al.J. Biol. Chem. 263:2891-2896(1988).
Wittmann-Liebold B.,et al.J. Supramol. Struct. 12:425-433(1979).
Franco R.,et al.J. Biol. Chem. 265:4321-4325(1990).

Images



WB Suggested Anti-Rps6 Antibody Titration: 1.0 µg/ml
Positive Control: Rat Muscle

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