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

RPS14 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI11728

Product Information

Application	WB
Primary Accession	P62263
Other Accession	NM_001025071, NP_001020242
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Yeast
Predicted	Mouse, Rat, Zebrafish, Chicken, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16273

Additional Information

Gene ID	6208
Alias Symbol	S14, EMTB
Other Names	40S ribosomal protein S14, RPS14
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-RPS14 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	RPS14 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

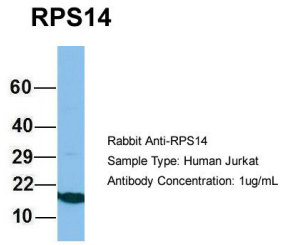
Protein Information

Name	RPS14 (HGNC:10387)
Function	Component of the small ribosomal subunit. The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell. 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

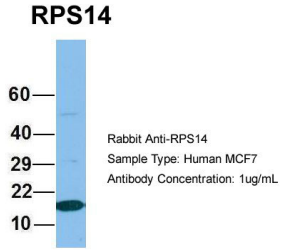
References

Kenmochi,N., (1998) Genome Res. 8 (5), 509-523Reconstitution 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.

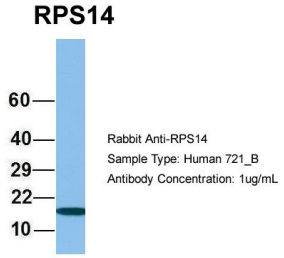
Images



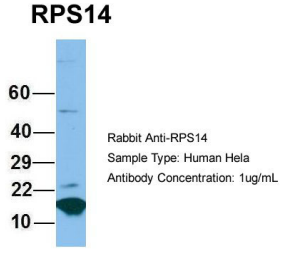
Host:Rabbit
Target Name:RPS14
Sample Tissue:Jurkat
Antibody Dilution: 1.0µg/mlRPS14 is supported by BioGPS gene expression data to be expressed in Jurkat



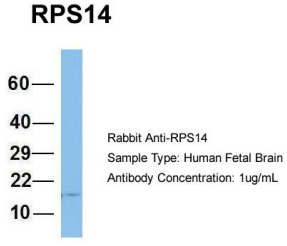
Host:Rabbit
Target Name:RPS14
Sample Tissue:MCF7
Antibody Dilution: 1.0µg/mlRPS14 is supported by BioGPS gene expression data to be expressed in MCF7



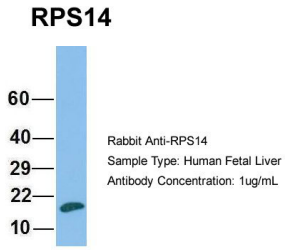
Host:Rabbit
Target Name:RPS14
Sample Tissue:721_B
Antibody Dilution: 1.0µg/mlRPS14 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



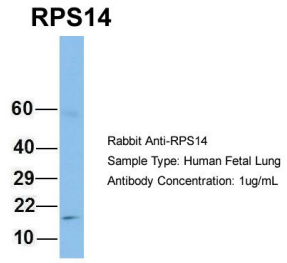
Host:Rabbit
Target Name:RPS14
Sample Tissue:Hela
Antibody Dilution: 1.0µg/mlRPS14 is supported by BioGPS gene expression data to be expressed in HeLa



Host:Rabbit
Target Name:RPS14
Sample Tissue:Human Fetal Brain
Antibody Dilution: 1.0µg/ml



Host:Rabbit
Target Name:RPS14
Sample Tissue:Human Fetal Liver
Antibody Dilution: 1.0µg/ml



Host:Rabbit
Target Name:RPS14
Sample Tissue:Human Fetal Lung
Antibody Dilution: 1.0µg/ml

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