

Rabbit RPS14 Polyclonal Antibody | anti-RPS14 antibody

RPS14 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23472	Rabbit	Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Western Blot

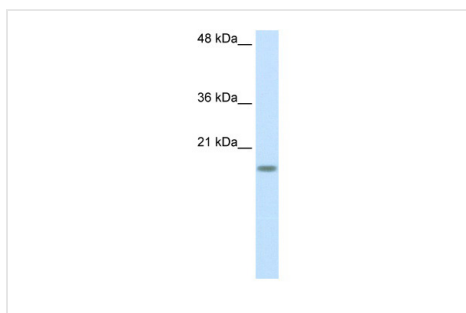
PRODUCT SYNONYMS

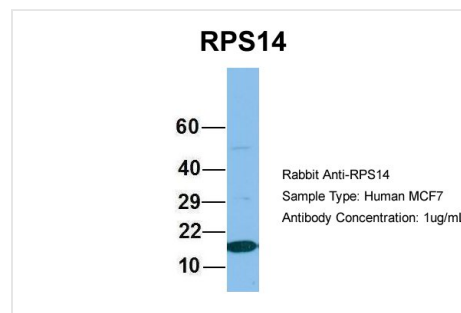
RPS14; Polyclonal Antibody; RPS14 antibody - middle region; anti-RPS14 antibody

PRODUCT SPECIFICATIONS

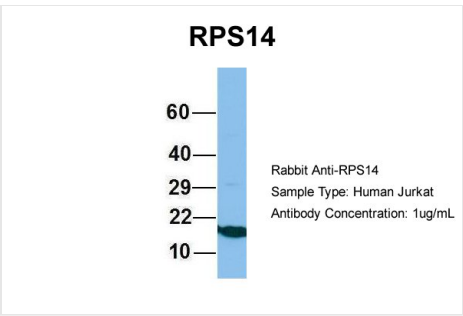
Host	Rabbit
Reactivity	Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GN RTKTPGPGAQ SALRALARSG MKIGRIEDVT PIPSDSTRK GGRGRRL
Sequence Length	151
Applicable Applications for anti-RPS14 antibody	WB (Western Blot)
Homology	Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 93%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RPS14
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

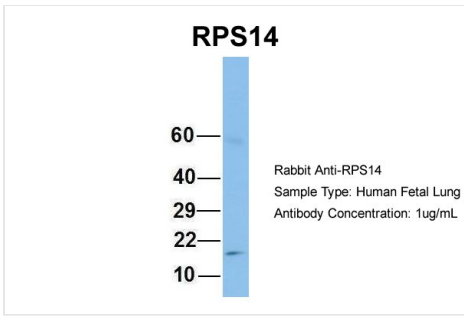
WB Suggested Anti-RPS14 Antibody Titration: 2.5ug/ml
ELISA Titer: 1:12500
Positive Control: HepG2 cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: RPS14
Sample Type: MCF7
Antibody Dilution: 1.0ug/ml
RPS14 is supported by BioGPS gene expression data to be expressed in MCF7



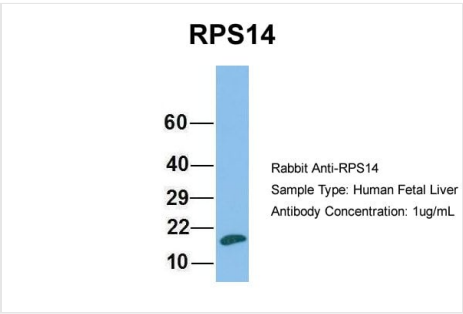
WB (Western Blot)

Host: RabbitTarget Name: RPS14Sample Type: JurkatAntibody Dilution: 1.0ug/mlRPS14 is supported by BioGPS gene expression data to be expressed in Jurkat



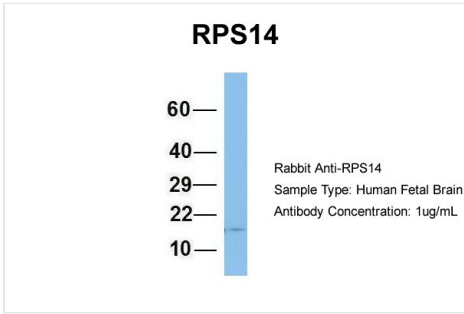
WB (Western Blot)

Host: RabbitTarget Name: RPS14Sample Type: Human Fetal LungAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: RPS14Sample Type: Human Fetal LiverAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: RPS14Sample Type: Human Fetal BrainAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-RPS14 antibody	This is a rabbit polyclonal antibody against RPS14. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPS14 is a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S11P family of ribosomal proteins. It is located in the cytoplasm. In Chinese hamster ovary cells, mutations in this gene can lead to resistance to emetine, a protein synthesis inhibitor. Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S11P family of ribosomal proteins. It is located in the cytoplasm. Transcript variants utilizing alternative transcription initiation sites have been described in the literature. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. In Chinese hamster ovary cells, mutations in this gene can lead to resistance to emetine, a protein synthesis inhibitor. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene.
Product Categories/Family for anti-RPS14 antibody	Polyclonal ; RNA Binding Proteins ; Transcription Regulation ; Drugs and Drug Metabolism ; Disease Related ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	68160922
NCBI GeneID	6208
NCBI Accession #	NP_001020242
NCBI GenBank Nucleotide #	NM_001025071
UniProt Accession #	P62263
Molecular Weight	17kDa

NCBI Official Full Name	40S ribosomal protein S14
NCBI Official Synonym Full Names	ribosomal protein S14
NCBI Official Symbol	RPS14
NCBI Official Synonym Symbols	S14; EMTB
NCBI Protein Information	40S ribosomal protein S14
UniProt Protein Name	40S ribosomal protein S14
UniProt Gene Name	RPS14
UniProt Entry Name	RS14_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rps14-antibody-western-blot-elisa/23472>