Rabbit RPL23 Polyclonal Antibody | anti-RPL23 antibody

RPL23 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289132	**Rabbit**	**Human, mouse (Predicted Reactivity: Bovine, Zebrafish, Pig, Rat)**	**Immunohistochemistry, ELISA, Western Blot**

PRODUCT SYNONYMS

RPL23; Polyclonal Antibody; RPL23 Antibody (Center); 60S ribosomal protein L23; 60S ribosomal protein L17; anti-RPL23 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Zebrafish, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RPL23 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 49-78 amino acids from the Central region of human RPL23.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	49-78
Sequence Length	140
Applicable Applications for anti-RPL23 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
RPL23 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of RPL23 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

WB (Western Blot)
RPL23 Antibody (Center) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane).This demonstrates the RPL23 antibody detected the RPL23 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RPL23 antibody	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 60S subunit. The protein belongs to the L14P family of ribosomal proteins. It is located in the cytoplasm. This gene has been referred to as rpL17 because the encoded protein shares amino acid identity with ribosomal protein L17 from Saccharomyces cerevisiae; however, its official symbol is RPL23. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
References	Gehring, N.H., et al. Cell 137(3):536-548(2009) Wanzel, M., et al. Nat. Cell Biol. 10(9):1051-1061(2008) Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005) Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005) Jin, A., et al. Mol. Cell. Biol. 24(17):7669-7680(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506605
NCBI GeneID	9349
NCBI Accession #	NP_000969.1
NCBI GenBank Nucleotide #	NM_000978.3
UniProt Accession #	P62829; P23131; P24048; Q29246; Q3SWV7; Q6P5S1
Molecular Weight	14865
NCBI Official Full Name	60S ribosomal protein L23
NCBI Official Synonym Full Names	ribosomal protein L23
NCBI Official Symbol	RPL23
NCBI Official Synonym Symbols	L23; rpL17
NCBI Protein Information	60S ribosomal protein L23
UniProt Protein Name	60S ribosomal protein L23
UniProt Gene Name	**RPL23**
UniProt Entry Name	RL23_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/rpl23-antibody-immunohistochemistry-western-blot-elisa/289132