

Rabbit RPL3 Polyclonal Antibody | anti-RPL3 antibody

RPL3 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289866	Rabbit	Human (Predicted Reactivity: Bovine, Monkey, Mouse, Pig, Rat, Yeast)	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

RPL3; Polyclonal Antibody; RPL3 Antibody (Center); 60S ribosomal protein L3; HIV-1 TAR RNA-binding protein B; TARBP-B; anti-RPL3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Monkey, Mouse, Pig, Rat, Yeast)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This RPL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 224-251 amino acids from the Central region of human RPL3.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	224-251
Sequence Length	403
Applicable Applications for anti-RPL3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Function	The L3 protein is a component of the large subunit of cytoplasmic ribosomes.
Cellular Location	Nucleus, nucleolus, Cytoplasm.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

RPL3 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of RPL3 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

RPL3 Antibody (Center) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the RPL3 antibody detected the RPL3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RPL3 antibody	Ribosomes, the complexes 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 L3P family of ribosomal proteins and it is located in the cytoplasm. The protein can bind to the HIV-1 TAR mRNA, and it has been suggested that the protein contributes to tat-mediated transactivation. This gene is co-transcribed with several small nucleolar RNA genes, which are located in several of this gene's introns. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq].
Product Categories/Family for anti-RPL3 antibody	Immunology
References	Russo, A., et al. Biochim. Biophys. Acta 1799 (5-6), 419-428 (2010) : Rikova, K., et al. Cell 131(6):1190-1203(2007) Tu, L.C., et al. Mol. Cell Proteomics 6(4):575-588(2007) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) : Bergqvist, M., et al. Dis. Esophagus 19(1):20-23(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506649
NCBI GeneID	6122
NCBI Accession #	NP_000958.1
NCBI GenBank Nucleotide #	NM_000967.3
UniProt Accession #	P39023 ; Q15548 ; Q5I0G0 ; B2RDV9
Molecular Weight	46109
NCBI Official Full Name	60S ribosomal protein L3 isoform a
NCBI Official Synonym Full Names	ribosomal protein L3
NCBI Official Symbol	RPL3
NCBI Official Synonym Symbols	L3; ASC-1; TARBP-B
NCBI Protein Information	60S ribosomal protein L3
UniProt Protein Name	60S ribosomal protein L3
UniProt Gene Name	RPL3
UniProt Synonym Gene Names	TARBP-B
UniProt Entry Name	RL3_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/rpl3-antibody-immunohistochemistry-western-blot-elisa/289866>