

Rabbit RPL27A Polyclonal Antibody | anti-RPL27A antibody

RPL27A Antibody (C-term)

CATALOG # AAA284256	HOST Rabbit	REACTIVITY Human, hamster (Predicted Reactivity: Bovine, Monkey, Mouse, Rat)	APPLICATIONS Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot
-------------------------------	-----------------------	--	--

PRODUCT SYNONYMS

RPL27A; Polyclonal Antibody; RPL27A Antibody (C-term); 60S ribosomal protein L27a; anti-RPL27A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, hamster (Predicted Reactivity: Bovine, Monkey, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RPL27A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 110-138 amino acids from the C-terminal region of human RPL27A.
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	110-138
Sequence Length	148
Applicable Applications for anti-RPL27A antibody	FCM/FACS (Flow Cytometry), 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



FCM/FACS (Flow Cytometry)

RPL27A Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

RPL27A Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the RPL27A Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

**WB (Western Blot)**

RPL27A Antibody (C-term) western blot analysis in CHO cell line lysates (35ug/lane). This demonstrates the RPL27A antibody detected the RPL27A protein (arrow).

**WB (Western Blot)**

RPL27A Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the RPL27A antibody detected the RPL27A protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RPL27A 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 L15P family of ribosomal proteins. It is located in the cytoplasm. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues has been observed, although no correlation between the level of expression and the severity of the disease has been found. As is typical for genes encoding ribosomal proteins, multiple processed pseudogenes derived from this gene are dispersed through the genome.
References	Kapp, L.D., et al. Annu. Rev. Biochem. 73, 657-704 (2004) : Mazumder, B., et al. Cell 115(2):187-198(2003) Andersen, J.S., et al. Curr. Biol. 12(1):1-11(2002) Bortoluzzi, S., et al. Bioinformatics 17(12):1152-1157(2001) Kusuda, J., et al. Cytogenet. Cell Genet. 85 (3-4), 248-251 (1999) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506625
NCBI GeneID	6157
NCBI Accession #	NP_000981.1
NCBI GenBank Nucleotide #	NM_000990.4
UniProt Accession #	P46776 ; B2R4B3
Molecular Weight	16561
NCBI Official Full Name	60S ribosomal protein L27a
NCBI Official Synonym Full Names	ribosomal protein L27a
NCBI Official Symbol	RPL27A
NCBI Official Synonym Symbols	L27A
NCBI Protein Information	60S ribosomal protein L27a
UniProt Protein Name	60S ribosomal protein L27a
UniProt Gene Name	RPL27A
UniProt Entry Name	RL27A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/rpl27a-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284256>