

Rabbit RPL22 Polyclonal Antibody | anti-RPL22 antibody

RPL22 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314201	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

RPL22; Polyclonal Antibody; RPL22 Rabbit Polyclonal Antibody; EAP; HBP15; HBP15/L22; L22; anti-RPL22 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-RPL22 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human RPL22 (NP_000974.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using RPL22 at 1:3000 dilution.


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat lung using RPL22 at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-RPL22 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 cytoplasmic ribosomal protein that is a component of the 60S subunit. The protein belongs to the L22E family of ribosomal proteins. Its initiating methionine residue is post-translationally removed. The protein can bind specifically to Epstein-Barr virus-encoded RNAs (EBERs) 1 and 2. The mouse protein has been shown to be capable of binding to heparin. Transcript variants utilizing alternative polyA signals exist. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. It was previously thought that this gene mapped to 3q26 and that it was fused to the acute myeloid leukemia 1 (AML1) gene located at 21q22 in some therapy-related myelodysplastic syndrome patients with 3;21 translocations; however, these fusions actually involve a ribosomal protein L22 pseudogene located at 3q26, and this gene actually maps to 1p36.3-p36.2.
Product Categories/Family for anti-RPL22 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506613
NCBI GeneID	6146
NCBI Accession #	NP_000974.1
NCBI GenBank Nucleotide #	NM_000983.3
UniProt Accession #	P35268; Q6IBD1; B2R495
Molecular Weight	14,787 Da
NCBI Official Full Name	60S ribosomal protein L22 proprotein
NCBI Official Synonym Full Names	ribosomal protein L22
NCBI Official Symbol	RPL22
NCBI Official Synonym Symbols	EAP; L22; HBP15; HBP15/L22
NCBI Protein Information	60S ribosomal protein L22; EBER-associated protein; heparin-binding protein 15; heparin-binding protein HBp15; Epstein-Barr-encoded RNA-associated protein; Epstein-Barr virus small RNA-associated protein
UniProt Protein Name	60S ribosomal protein L22
UniProt Gene Name	RPL22
UniProt Synonym Gene Names	EAP
UniProt Entry Name	RL22_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/rpl22-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/314201>