

Rabbit RPL31 Polyclonal Antibody | anti-RPL31 antibody

RPL31 Antibody (Center)

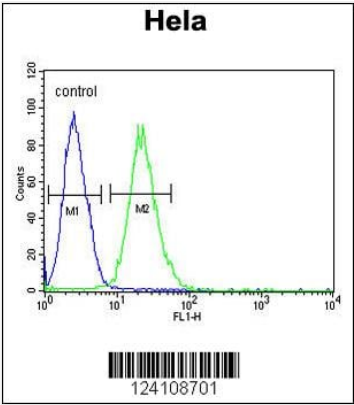
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285357	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Pig, Rat, Xenopus)	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

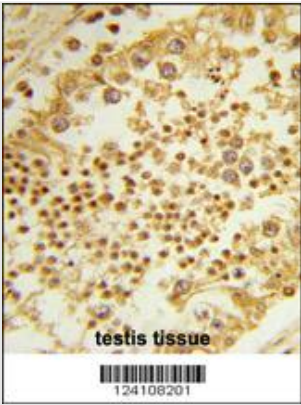
RPL31; Polyclonal Antibody; RPL31 Antibody (Center); 60S ribosomal protein L31; anti-RPL31 antibody

PRODUCT SPECIFICATIONS

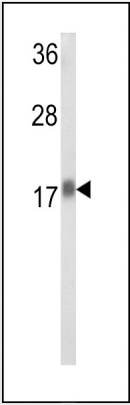
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Pig, Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RPL31 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-51 amino acids from the Central region of human RPL31.
Purity/Purification	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: 0.32 (varies by lot)
Sequence Positions	24-51
Sequence Length	121
Applicable Applications for anti-RPL31 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
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.



FCM/FACS (Flow Cytometry)
RPL31 Antibody (Center) flow cytometric analysis of HeLa 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)
Formalin-fixed and paraffin-embedded human testis tissue reacted with RPL31 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of RPL31 Antibody (Center) in HeLa cell line lysates (35ug/lane).RPL31 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-RPL31 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. RPL31 is a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L31E family of ribosomal proteins. It is located in the cytoplasm.
References	Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) : Olsen, J.V., et al. Cell 127(3):635-648(2006) Olsen, J.V., et al. Cell 127(3):635-648(2006) Hillier, L.W., et al. Nature 434(7034):724-731(2005) Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005) Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506633
NCBI GeneID	6160
NCBI Accession #	NP_000984.1; NP_001092047.1; NP_001093163.1
NCBI GenBank Nucleotide #	NM_000993.4
UniProt Accession #	P62899; P12947; Q53SQ5; Q6IRZ0; Q6LBJ6; B7Z4K2; D3DVJ4

Molecular Weight	14463
NCBI Official Full Name	60S ribosomal protein L31 isoform 1
NCBI Official Synonym Full Names	ribosomal protein L31
NCBI Official Symbol	RPL31
NCBI Official Synonym Symbols	L31
NCBI Protein Information	60S ribosomal protein L31
UniProt Protein Name	60S ribosomal protein L31
UniProt Gene Name	RPL31
UniProt Entry Name	RL31_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/rpl31-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/285357>