

Rabbit RPL34 Polyclonal Antibody | anti-RPL34 antibody

RPL34 Antibody (Center)

CATALOG # AAA285372	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse, Pig)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

RPL34; Polyclonal Antibody; RPL34 Antibody (Center); 60S ribosomal protein L34; anti-RPL34 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RPL34 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 37-66 amino acids from the Central region of human RPL34.
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	37-66
Sequence Length	117
Applicable Applications for anti-RPL34 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 (Immunohistochemistry)

RPL34 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of RPL34 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

RPL34 Antibody (Center) western blot analysis in A375 cell line lysates (35ug/lane). This demonstrates the RPL34 antibody detected the RPL34 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RPL34 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 L34E family of ribosomal proteins. It is located in the cytoplasm. This gene originally was thought to be located at 17q21, but it has been mapped to 4q. Transcript variants derived from alternative splicing, alternative transcription initiation sites, and/or alternative polyadenylation exist; these variants encode the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
References	Kalsi, G., et al. Hum. Mol. Genet. 19(12):2497-2506(2010) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) : Andersen, J.S., et al. Nature 433(7021):77-83(2005) Kapp, L.D., et al. Annu. Rev. Biochem. 73, 657-704 (2004) : Mazumder, B., et al. Cell 115(2):187-198(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16117787
NCBI GeneID	6164
NCBI Accession #	NP_000986.2 ; NP_296374.1
NCBI GenBank Nucleotide #	NM_000995.3
UniProt Accession #	P49207 ; Q6FG66 ; Q9BUZ2
Molecular Weight	13293
NCBI Official Full Name	60S ribosomal protein L34
NCBI Official Synonym Full Names	ribosomal protein L34
NCBI Official Symbol	RPL34
NCBI Official Synonym Symbols	L34
NCBI Protein Information	60S ribosomal protein L34
UniProt Protein Name	60S ribosomal protein L34
UniProt Gene Name	RPL34
UniProt Entry Name	RL34_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/rpl34-antibody-immunohistochemistry-western-blot-elisa/285372>