

Rabbit anti-Human 60S Ribosomal Protein L10 Polyclonal Antibody | anti-RPL10 antibody

60S Ribosomal Protein L10 Antibody

CATALOG # AAA305114	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

60S Ribosomal Protein L10; Polyclonal Antibody; 60S Ribosomal Protein L10 Antibody; 60S ribosomal protein L10; Protein QM; Tumor suppressor QM; Laminin receptor homolog; RPL10; anti-RPL10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total 60S Ribosomal Protein L10 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	216
Applicable Applications for anti-RPL10 antibody	WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human 60S Ribosomal Protein L10.
Target Name	60S Ribosomal Protein L10
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)

Western blot analysis of extracts from K562 cells (Lane 2), JK cells (Lane 3) and 293 cells (Lane 4), using 60S Ribosomal Protein L10 antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)

Western blot analysis of extracts from K562 cells, treated with Insulin (0.01u/ml, 15mins), using 60S Ribosomal Protein L10 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RPL10 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 four 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 L10E family of ribosomal proteins. It is located in the cytoplasm. In vitro studies have shown that the chicken protein can bind to c-Jun and can repress c-Jun-mediated transcriptional activation, but these activities have not been demonstrated in vivo. This gene was initially identified as a candidate for a Wilms tumor suppressor gene, but later studies determined that this gene is not involved in the suppression of Wilms tumor. This gene has been referred to as 'laminin receptor homolog' because a chimeric transcript consisting of sequence from this gene and sequence from the laminin receptor gene was isolated; however, it is not believed that this gene encodes a laminin receptor. Alternative splicing results in multiple transcript variants. This gene also uses multiple polyA signals, with the 3'-most polyA signal overlapping the deoxyribonuclease I-like 1 gene on the opposite strand. This gene is co-transcribed with the small nucleolar RNA gene U70, which is located in its fifth intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.Dowdy S.F., Nucleic Acids Res. 19:5763-5769(1991).van den Ouweland A.M.W., Hum. Mol. Genet. 1:269-273(1992).Kaneko K., Hum. Mol. Genet. 1:529-533(1992).
Product Categories/Family for anti-RPL10 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	746817426
NCBI GeneID	6134
NCBI Accession #	NP_001243506.2
NCBI GenBank Nucleotide #	NM_001256577.2
UniProt Accession #	P27635; Q16470; Q2HXT7; Q53FH7; Q6FGN8; Q8TDA5; A3KQT0; D3DWW6
Molecular Weight	24,604 Da
NCBI Official Full Name	60S ribosomal protein L10 isoform b
NCBI Official Synonym Full Names	ribosomal protein L10
NCBI Official Symbol	RPL10
NCBI Official Synonym Symbols	QM; L10; NOV; AUTSX5; DXS648; DXS648E
NCBI Protein Information	60S ribosomal protein L10
UniProt Protein Name	60S ribosomal protein L10
UniProt Gene Name	RPL10
UniProt Synonym Gene Names	DXS648E; QM
UniProt Entry Name	RL10_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/60s-ribosomal-protein-l10-antibody-western-blot-elisa/305114>