

Rabbit anti-Human 60S ribosomal protein L36a Polyclonal Antibody | anti-RPL36AL antibody

60S ribosomal protein L36a

CATALOG # AAA81432	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA
------------------------------	-----------------------	----------------------------	------------------------------

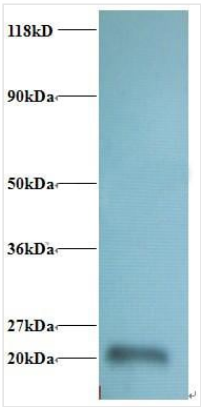
PRODUCT SYNONYMS

60S ribosomal protein L36a; Polyclonal Antibody; anti-RPL36AL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	106
Applicable Applications for anti-RPL36AL antibody	ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Biotin
Immunogen	Recombinant human 60S ribosomal protein L36a-like protein
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



WB (Western Blot)
Western blot 60S ribosomal protein L36a-like Antibody at 2 /ml + 293T whole cell lysate at 20 SecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilutionPredicted band size: 12 kDaObserved band size:20kDa Why is the actual band size different from the predicted
Western blotting is a technique that separates proteins based on size - in general, the smaller the protein the faster it migrates through the gel. However, migration is also affected by other factors and so the actual band size observed may differ from that predicted. Common factors include...
· post-translational modification - e.g. phosphorylation, glycosylation etc which increases the size of the protein
· post-translation cleavage - e.g. many proteins are synthesized as pro-proteins, and then cleaved to give the active form, e.g. pro-caspases
· splice variants - alternative splicing may create different sized proteins from the same gene
· relative charge - the composition of amino acids (charged vs non-charged) multimers - e.g. dimerisation of a protein. This is usually prevented in reducing conditions, although strong interactions can result in the appearance of higher bands.

ADDITIONAL INFORMATION

Related Product Information for anti-RPL36AL antibody	Cytoplasmic ribosomes, 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. RPL36A is a ribosomal protein that is a component of the 60S subunit. It shares sequence similarity with yeast ribosomal protein L44 and belongs to the L44E (L36AE) family of ribosomal proteins. Although this gene has been referred to as ribosomal protein L44 (RPL44), its official name is ribosomal protein L36a (RPL36A). RPL36A and the human gene officially named ribosomal protein L36a-like (RPL36AL) encode nearly identical proteins; however, they are distinct genes. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506651
NCBI GeneID	6166
NCBI Accession #	NP_000992.1
NCBI GenBank Nucleotide #	NM_001001.4
UniProt Accession #	Q969Q0; Q3B7A5
Molecular Weight	12,469 Da
NCBI Official Full Name	60S ribosomal protein L36a-like
NCBI Official Synonym Full Names	ribosomal protein L36a like
NCBI Official Symbol	RPL36AL
NCBI Official Synonym Symbols	RPL36A
NCBI Protein Information	60S ribosomal protein L36a-like
UniProt Protein Name	60S ribosomal protein L36a-like

UniProt Gene Name	RPL36AL
UniProt Entry Name	RL36L_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/60s-ribosomal-protein-l36a-antibody-elisa/81432>