

Anti-RPL19 Picoband Antibody

Catalog # ABO11710

Product Information

Application	WB
Primary Accession	P84098
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for 60S ribosomal protein L19(RPL19) detection. Tested with WB in Human;Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	6143
Other Names	60S ribosomal protein L19, RPL19
Calculated MW	23466
Application Details	Western blot, 0.1-0.5 µg/ml, Human, Mouse, Rat
Source	Eukaryota
Protein Name	60S ribosomal protein L19
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human RPL19 (132-170aa FKNKRILMEHIHKLKADKARKKLLADQAEARRSKTKEAR), identical to the related mouse and rat sequences.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins.
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Protein Information

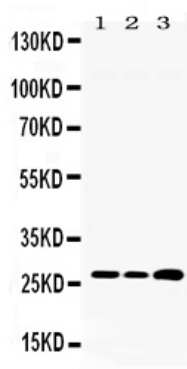
Name	RPL19
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Function	Component of the large ribosomal subunit (PubMed: 23636399 , PubMed: 32669547). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed: 23636399 , PubMed: 32669547).
Cellular Location	Cytoplasm.

Background

60S ribosomal protein L19 is a protein that in humans is encoded by the RPL19 gene. 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 L19E family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Images



Western blot analysis of RPL19 expression in rat liver extract (lane 1) HEPA whole cell lysates (lane 2) and HEPG2 whole cell lysates (lane 3). RPL19 at 28KD was detected using rabbit anti- RPL19 Antigen Affinity purified polyclonal antibody (Catalog # ABO11710) at 0.5 µg/mL. The blot was developed using chemiluminescence (ECL) method .

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