

RPL23A Polyclonal Antibody

catalog number: E-AB-52696

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

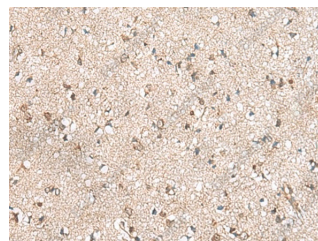
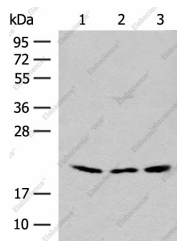
Reactivity	Human;Mouse;Rat
Immunogen	Fusion protein of human RPL23A
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Recommended Dilution

WB	1:500-1:2000
IHC	1:40-1:200

Data



Western blot analysis of HEPG2 and Hela cell Mouse liver tissue lysates using RPL23A Polyclonal Antibody at dilution of 1:300

Immunohistochemistry of paraffin-embedded Human brain tissue using RPL23A Polyclonal Antibody at dilution of 1:50(×200)

Observed-MW: Refer to figures

Calculated-MW: 18 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

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 L23P family of ribosomal proteins. It is located in the cytoplasm. The protein may be one of the target molecules involved in mediating growth inhibition by interferon. In yeast, the corresponding protein binds to a specific site on the 26S rRNA. This gene is co-transcribed with the U42A, U42B, U101A, and U101B small nucleolar RNA genes, which are located in its third, first, second, and fourth introns, respectively. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

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