RPL10A Polyclonal Antibody

Catalog Number:E-AB-53094

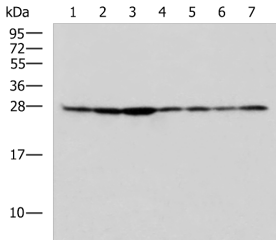
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein of human RPL10A
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200
ELISA	1:5000-1:10000

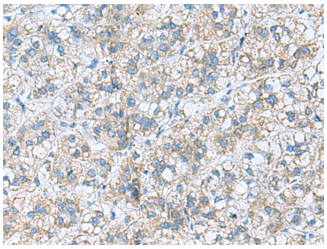
Data



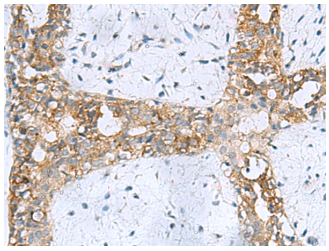
Western blot analysis of HepG2 Hela Jurkat HUVEC cell Mouse lung tissue Mouse kidney tissue Rat liver tissue lysates using RPL10A Polyclonal Antibody at dilution of 1:700

Observed Mw:Refer to figures

Calculated Mw:25 kDa



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using RPL10A Polyclonal Antibody at dilution of 1:50(×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using RPL10A Polyclonal Antibody at dilution of 1:50(×200)

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

For Research Use Only

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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 L1P family of ribosomal proteins. It is located in the cytoplasm. The expression of this gene is downregulated in the thymus by cyclosporin-A (CsA), an immunosuppressive drug. Studies in mice have shown that the expression of the ribosomal protein L10a gene is downregulated in neural precursor cells during development. This gene previously was referred to as NEDD6 (neural precursor cell expressed, developmentally downregulated 6), but it has been renamed RPL10A (ribosomal protein 10a). As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

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