RPL21 Rabbit pAb

Catalog No.: A14254



Basic Information

Observed MW

18kDa

Calculated MW

19kDa

Category

Primary antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse, Rat

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 L21E 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.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:100

IF/ICC 1:50 - 1:100

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID Swiss Prot6144
P46778

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

L21; eL21; HYPT12; RPL21

Contact

| a | | 400-999-6126 |
|-----------|---|---------------------------|
| \bowtie | | cn.market@abclonal.com.cn |
| \odot | Ī | www.abclonal.com.cn |

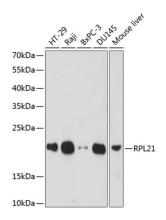
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

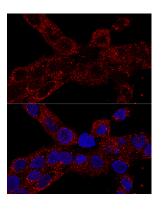


Western blot analysis of various lysates using RPL21 Rabbit pAb (A14254) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: $25\mu g$ per lane.

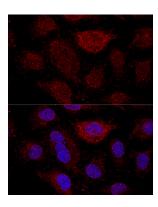
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

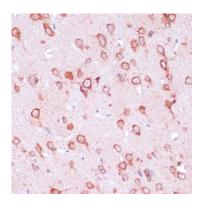
Exposure time: 60s.



Confocal immunofluorescence analysis of A-431 cells using RPL21 Rabbit pAb (A14254) at dilution of 1:100. Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of HeLa cells using RPL21 Rabbit pAb (A14254) at dilution of 1:200. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffinembedded Rat brain using RPL21 Rabbit pAb (A14254) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.