

A21124

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RPS8 Rabbit mAb

Catalog No.: A21124

Recombinant

2 Publications

Basic Information

Observed MW

24kDa

Calculated MW

24kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IF/ICC,IP,ELISA

Cross-Reactivity

Human,Mouse,Rat

CloneNo number

ARC3046

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 40S subunit. The protein belongs to the S8E family of ribosomal proteins. It is located in the cytoplasm. Increased expression of this gene in colorectal tumors and colon polyps compared to matched normal colonic mucosa has been observed. This gene is co-transcribed with the small nucleolar RNA genes U38A, U38B, U39, and U40, which are located in its fourth, fifth, first, and second introns, respectively. 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 - 1:1000

IF/ICC 1:50 - 1:200

IP 0.5µg-4µg antibody for
400µg-600µg extracts
of whole cells

ELISA Recommended starting
concentration is 1
µg/mL. Please optimize
the concentration
based on your specific
assay requirements.

Contact



www.abclonal.com

Immunogen Information

Gene ID

6202

Swiss Prot

P62241

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-208 of human RPS8 (NP_001003.1).

Synonyms

S8; eS8; RPS8

Product Information

Source

Rabbit

Isotype

IgG

Purification

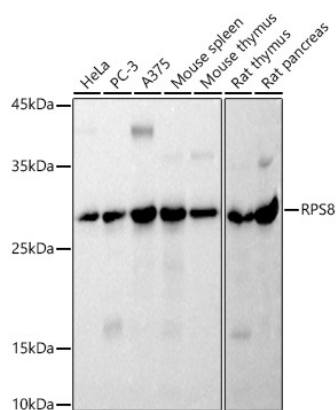
Affinity purification

Storage

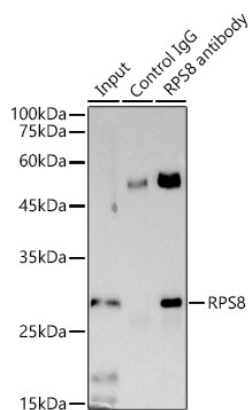
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates, using RPS8 Rabbit mAb (A21124) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20s.



Immunoprecipitation analysis of 600 µg extracts from Mouse spleen using 3 µg RPS8 antibody (A21124). Western blot was performed from the immunoprecipitate using RPS8 antibody (A21124) at a dilution of 1:1000.