

# RPS8 Rabbit mAb

Catalog No.: A21124 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

27kDa

### Calculated MW

24kDa

### Category

Primary antibody

### Applications

ELISA,WB,IF/ICC,IP

### 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

## 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

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

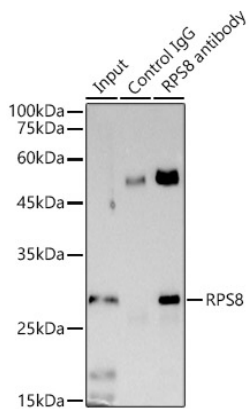
Affinity purification

### Storage

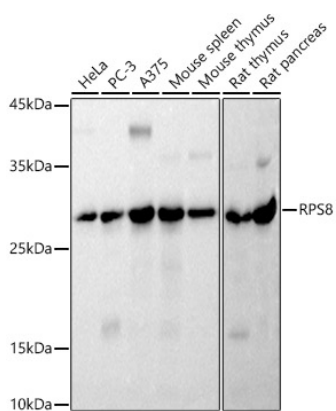
Store at -20°C. Avoid freeze / thaw cycles.

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

## Validation Data



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.



Western blot analysis of various lysates, using RPS8 Rabbit mAb (A21124) at 1:1000 dilution. Secondary antibody: HRP 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.