

# Phospho-alt-RPL36-S19 Rabbit pAb

Catalog No.: AP1209

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

### Category

Primary antibody

### Applications

ELISA,DB,WB

### Cross-Reactivity

Human

## Background

Alt-RPL36 is a protein co-encoded with human RPL36. Alt-RPL36 partially localizes to the endoplasmic reticulum, where it interacts with TMEM24, which transports the phosphatidylinositol 4,5-bisphosphate (PI(4,5)P<sub>2</sub>) precursor phosphatidylinositol from the endoplasmic reticulum to the plasma membrane. Alt-RPL36 contains four phosphoserine residues, point mutations of which abolish interaction with TMEM24 and, consequently, alt-RPL36 effects on PI3K signaling and cell size.

## Recommended Dilutions

**DB** 1:500 - 1:1000

**WB** 1:500 - 1:2000

## Immunogen Information

### Gene ID

### Swiss Prot

### Immunogen

A synthetic phosphorylated peptide around S19 of alt-RPL36.

### Synonyms

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

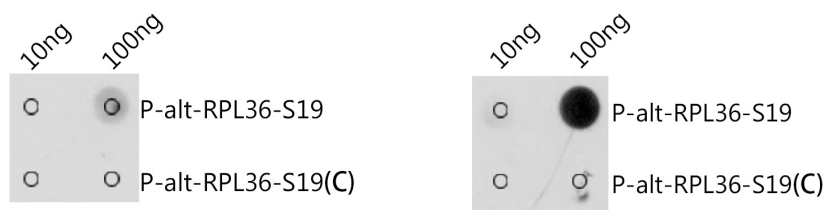
Affinity purification

### Storage

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

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

Validation Data



Dot-blot analysis of all sorts of peptides using Phospho-alt-RPL36-S19 antibody (AP1209) at 1:1000 dilution. Exposure time: 1s.

Dot-blot analysis of all sorts of peptides using Phospho-alt-RPL36-S19 antibody (AP1209) at 1:1000 dilution. Exposure time: 30s.