

# Phospho-Rptor-S791 Rabbit pAb

Catalog No.: AP0868 **1 Publications**

## Basic Information

### Observed MW

### Calculated MW

149kDa

### Category

Primary antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human, Mouse

## Background

This gene encodes a subunit of mammalian target of rapamycin complex 1 (mTORC1), a component of the mTOR signaling pathway, which regulates cell growth in response to nutrient and energy levels. The encoded protein may regulate the assembly, localization, and substrate binding of the mTORC1 complex. Homozygous knockout mice for this gene exhibit embryonic lethality. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

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

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

## Immunogen Information

### Gene ID

74370

### Swiss Prot

Q8K4Q0

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

Rap; Raptor; mKIAA1303; 4932417H02Rik; Phospho-Rptor-S791

## 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.