

# Phospho-Raptor-Ser792 Rabbit pAb

Catalog No.: AP0928 **3 Publications**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

149kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## Background

This gene encodes a component of a signaling pathway that regulates cell growth in response to nutrient and insulin levels. The encoded protein forms a stoichiometric complex with the mTOR kinase, and also associates with eukaryotic initiation factor 4E-binding protein-1 and ribosomal protein S6 kinase. The protein positively regulates the downstream effector ribosomal protein S6 kinase, and negatively regulates the mTOR kinase. Multiple transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

57521

### Swiss Prot

Q8N122

### Immunogen

A synthetic phosphorylated peptide around S792 of human RPTOR (NP\_065812.1).

### Synonyms

KOG1; Mip1; Phospho-Raptor-Ser792

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

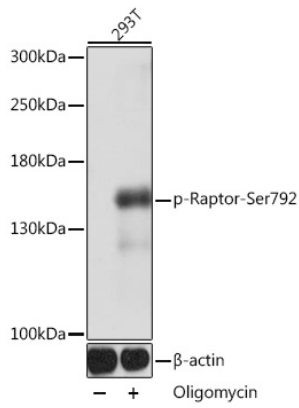
### Storage

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

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

## Validation Data

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Western blot analysis of lysates from 293T cells, using Phospho-Raptor-Ser792 Rabbit pAb (AP0928) at 1:1000 dilution. 293T cells were treated by Oligomycin (0.5  $\mu$ M) at 37°C for 30 minutes after serum-starvation overnight.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (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: 1S.