

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

A phospho specific peptide corresponding to residues surrounding S791 of mouse Rptor

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.