

CABP0928

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## Product Information

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|---------------------|----------|----------------------|--------|--------------------|--------------|
| <b>Product SKU:</b> | CABP0928 | <b>Gene ID:</b>      | 57521  | <b>Size:</b>       | 20uL, 100uL  |
| <b>Clone No:</b>    | -        | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Human, Mouse |

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## Additional Information

|                       |                  |                   |     |
|-----------------------|------------------|-------------------|-----|
| <b>Observed MW:</b>   | Refer to figures | <b>Conjugate:</b> | -   |
| <b>Calculated MW:</b> | 149kDa           | <b>Isotype:</b>   | IgG |

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## Immunogen Information

**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 Dilution:** WB, 1:500 - 1:2000

**Synonyms:** KOG1; Mip1; Phospho-Raptor-Ser792

**Purification Method:** Affinity purification

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

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.