

RPTOR

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 149kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human RPTOR

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

KOG1; Mip1;

Catalog #: A8300

Antibody Type:

Polyclonal Antibody

Species: 23

Gene ID: 57521

Isotype: IgG

Swiss Prot: Q8N122

Purity: Affinity purification

For research use only.

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.

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