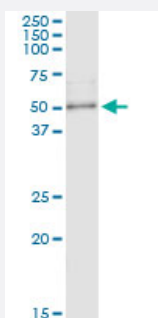


RPTOR (Human) IP-WB Antibody Pair

Catalog # H00057521-PW1

Size 1 Set

Applications



Immunoprecipitation of RPTOR transfected lysate using rabbit polyclonal anti-RPTOR and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse polyclonal anti-RPTOR.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of RPTOR transfected lysate using rabbit polyclonal anti-RPTOR and Protein A Magnetic Bead (U0007), and immunoblotted with mouse polyclonal anti-RPTOR.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-RPTOR (300 ul) 2. Antibody pair for WB: mouse polyclonal anti-RPTOR (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — RPTOR

Entrez GeneID [57521](#)

Gene Name RPTOR

Gene Alias KOG1, Mip1

Gene Description regulatory associated protein of MTOR, complex 1

Omim ID [607130](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations p150 target of rapamycin (TOR)-scaffold protein containing WD-repeats|regulatory associated protein of mTOR

Pathway

- [Insulin signaling pathway](#)
- [mTOR signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)