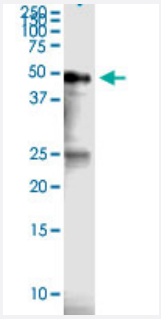
RPTOR (Human) IP-WB Antibody Pair

Catalog # H00057521-PW2 Size 1 Set

Applications



Immunoprecipitation of RPTOR transfected lysate using rabbit polyclonal anti-RPTOR and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified 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 purified 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 purified polyclonal anti-RPTOR (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w 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 kin ase, and also associates with eukaryotic initiation factor 4E-binding protein-1 and ribosomal prot ein S6 kinase. The protein positively regulates the downstream effector ribosomal protein S6 kina se, and negatively regulates the mTOR kinase. Multiple transcript variants encoding different isofo rms have been found for this gene. [provided by RefSeq
Other Designations	p150 target of rapamycin (TOR)-scaffold protein containing WD-repeats|regulatory associated pr otein of mTOR

Pathway

- Insulin signaling pathway
- mTOR signaling pathway

Disease

- Genetic Predisposition to Disease
- Tobacco Use Disorder
- Urinary Bladder Neoplasms