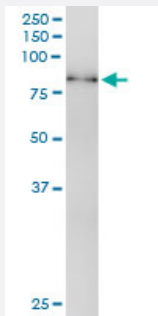


RPS6KB1 (Human) IP-WB Antibody Pair

Catalog # H00006198-PW1

Size 1 Set

Applications



Immunoprecipitation of RPS6KB1 transfected lysate using rabbit polyclonal anti-RPS6KB1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse polyclonal anti-RPS6KB1.

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
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of RPS6KB1 transfected lysate using rabbit polyclonal anti-RPS6KB1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse polyclonal anti-RPS6KB1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-RPS6KB1 (300 ul) 2. Antibody pair for WB: mouse polyclonal anti-RPS6KB1 (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 — RPS6KB1

Entrez GeneID	6198
Gene Name	RPS6KB1
Gene Alias	PS6K, S6K, S6K1, STK14A, p70(S6K)-alpha, p70-S6K, p70-alpha
Gene Description	ribosomal protein S6 kinase, 70kDa, polypeptide 1
Omim ID	608938
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinase s. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates several residues of the S6 ribosomal protein. The kinase activity of this protein leads to an increase in protein synthesis and cell proliferation. Amplification of the region of DNA encoding this gene and overexpression of this kinase are seen in some breast cancer cell lines. Alternate translational start sites have been described and alternate transcriptional splice variants have been observed but have not been thoroughly characterized. [provided by RefSeq]
Other Designations	p70 S6 kinase, alpha 1 p70 S6 kinase, alpha 2 ribosomal protein S6 kinase, 70kD, polypeptide 1 serine/threonine kinase 14 alpha

Pathway

- [Acute myeloid leukemia](#)
- [ErbB signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Insulin signaling pathway](#)
- [mTOR signaling pathway](#)
- [TGF-beta signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)