

Rabbit anti-Human RSK1 Polyclonal Antibody | anti-RSK1 antibody

Rabbit anti-RSK1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211880	Rabbit	Human	Immunohistochemistry, Immunoprecipitation

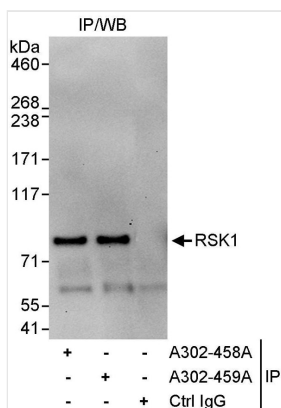
PRODUCT SYNONYMS

RSK1; Polyclonal Antibody; Rabbit anti-RSK1 Antibody; Affinity Purified; p90Rsk; p90S6K; S6K-alpha 1; RSK-1; RSK; ribosomal S6 kinase 1; ribosomal protein S6 kinase; 90kDa; polypeptide 1; ribosomal protein S6 kinase alpha-1; dJ590P13.1 (ribosomal protein S6 kinase; 90kD; polypeptide 1); p90RSK1; 90 kDa ribosomal protein S6 kinase 1; p90-RSK 1; HU-1; MAP kinase-activated protein kinase 1a; MAPK-activated protein kinase 1a; MAPKAP kinase 1a; MAPKAPK1A; MAPKAPK-1a; S6K-alpha-1; Ribosomal protein S6 kinase alpha-1; ribosomal protein S6 kinase A1; anti-RSK1 antibody

PRODUCT SPECIFICATIONS

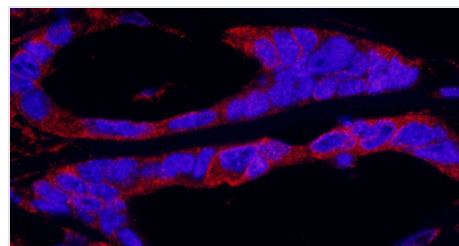
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-RSK1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	Between 375 and 425
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human RSK1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-RSK1 antibody AAA211880 used for IP at 3 ug/mg lysate. RSK1 was also immunoprecipitated by rabbit anti-RSK1 antibody which recognizes a downstream epitope. For blotting immunoprecipitated RSK1, was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human RSK1 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-RSK1 (Cat. No. AAA211880 Lot1) used at a dilution of 1:400 (2.5 ug/ml). Detection: Red-fluorescent goat anti-rabbit IgG-heavy and light chain cross-adsorbed Antibody DyLight 594 Conjugated used at a dilution of 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti- RSK1 antibody	Ribosomal protein S6 kinase alpha-1 (RSK1) is a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. RSK1 kinase contains 2 non-identical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signaling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation [taken from NCBI Entrez Gene (GeneID: 6195)].
Product Categories/Family for anti- RSK1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	20149547
NCBI GeneID	6195
NCBI Accession #	NP_002944.2
NCBI GenBank Nucleotide #	NM_002953.3
UniProt Accession #	Q15418; Q5SVM5; Q5SVM8; Q5SVM9; Q96C05; Q9BQK2; A6NGG4; A8K9K7; B2RDY8; B7Z5J0
Molecular Weight	72,698 Da
NCBI Official Full Name	ribosomal protein S6 kinase alpha-1 isoform a
NCBI Official Synonym Full Names	ribosomal protein S6 kinase, 90kDa, polypeptide 1
NCBI Official Symbol	RPS6KA1
NCBI Official Synonym Symbols	RSK; HU-1; RSK1; p90Rsk; MAPKAPK1A
NCBI Protein Information	ribosomal protein S6 kinase alpha-1; RSK-1; p90S6K; p90RSK1; p90-RSK 1; MAPKAPK-1a; S6K-alpha 1; S6K-alpha-1; MAPKAP kinase 1a; ribosomal S6 kinase 1; MAPK-activated protein kinase 1a; ribosomal protein S6 kinase alpha 1; 90 kDa ribosomal protein S6 kinas
UniProt Protein Name	Ribosomal protein S6 kinase alpha-1
UniProt Gene Name	RPS6KA1
UniProt Synonym Gene Names	MAPKAPK1A; RSK1; S6K-alpha-1; p90-RSK 1; p90RSK1; p90S6K; MAPK-activated protein kinase 1a; MAPKAP kinase 1a; MAPKAPK-1a; RSK-1
UniProt Entry Name	KS6A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rsk1-antibody-immunohistochemistry-immunoprecipitation-elisa/211880>