

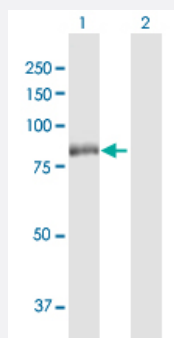
MaxPab®

RPS6KA2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00006196-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of RPS6KA2 expression in transfected 293T cell line ([H00006196-T02](#)) by RPS6KA2 MaxPab polyclonal antibody.

Lane 1: RPS6KA2 transfected lysate(83.20 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human RPS6KA2 protein.

Immunogen

RPS6KA2 (NP_066958.2, 1 a.a. ~ 733 a.a) full-length human protein.

Sequence

MDLSMKKFAVRRFFSVYLRRKSRKSSSLRLEEEGVVKEIDISHHVKEGFADPSQFELLKVL
GQGSYGKVFLVRKVKGSDAGQLYAMKVLKKATLKVRDRVRSKMERDILAEVNHPFVKLHYAFQT
EGKLYLILDFLRGGDLFTRLSKEVMFTEEDVKFYLAELALDHLHSLGIYRDLKPENILDEEGHIKI
TDFGLSKEAIDHDKRAYSFCGTIEYMAPEVVNRRGHTQSADWWSFGVLMFEMLTGSLPFQGKDR
KETMALILKAKLGMPQFLSGEAQSLLRALFKRNPCNRLGAGIDGVVEIKRHPFFVTIDWNTLYRKEI
KPPFKPAVGRPEDTFHFDPEFTARTPTDSPGVPPSANAHHLFRGFSFVASSLIQEPSQQDLHKV
PVHPVQQLHGNNIHFTDGYEIKEDIGVGSYSVCKRCVHKATDTEYAVKIIDKSKRDPSEEIEILLRYG
QHPNIITLKDVYDDGKFVYLMELMRGGELLDRILRQRYFSEREASDVLCTITKTMDYLHSQGVVHR
DLKPSNLYRDESGSPESIRVCDFGFAKQLRAGNLLMTPCYANFVAPEVLKRQGYDAACDIWS
LGILLYTMLAGFTPFANGPDDTPEEILARIGSGKYALSGGNWDSISDAAKDVVSKMLHVDPHQRLT
AMQVLKHPWVVRNREYLSPNQLSRQDVHLVKGAMAATYFALNRTQPAPRLEPVLSSNLAQRRGM
KRLTSTRL

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — RPS6KA2

Entrez GeneID[6196](#)**GeneBank Accession#**[NM_021135.4](#)**Protein Accession#**[NP_066958.2](#)**Gene Name**

RPS6KA2

Gene Alias

HU-2, MAPKAPK1C, RSK, RSK3, S6K-alpha, S6K-alpha2, p90-RSK3, pp90RSK3

Gene Description

ribosomal protein S6 kinase, 90kDa, polypeptide 2

Omim ID[601685](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations

ribosomal S6 kinase 3|ribosomal protein S6 kinase alpha 2|ribosomal protein S6 kinase, 90kD, polypeptide 2

Pathway

- [Long-term potentiation](#)
- [MAPK signaling pathway](#)
- [mTOR signaling pathway](#)
- [Neurotrophin signaling pathway](#)

Disease

- [Tobacco Use Disorder](#)