

DNAxPAb

Hard-to-Find
Antibody

RPS6KA2 DNAxPab

Catalog # H00006196-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human RPS6KA2 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MDLSMKKFAVRRFFSVYLRRKSRKSSSLRLEEEGVVKEIDISHHVKEGFEEKADPSQFELLKVL
GQGSYGVFLVRKVKGSDAGQLYAMKVLKKATLKVRDRVRSKMERDILAEVNHPFVKLHYAFQT
EGKLYLILDFLRGGDLFTRLSKEVMFTEEDVKFYLAELALALDHLHSLGIYRDLKPENILLDEEGHIKI
TDFGLSKEAIDHDKRAYSFCGTIEYMAPEVVNRRGHTQSADWWWSFGVLMFEMLTGSLPFQGKDR
KETMALILKAKLGMPQFLSGEAQSLLRALFKRNPCNRLGAGIDGVVEIKRHPFFVTIDWNTLYRKEI
KPPFKPAVGRPEDTFHFDPEFTARTPTDSPGVPPSANAHHLFRGFSFVASSLIQEPSQQDLHKV
PVHPIVQQLHGNNIHFTDGYEIKEDIGVGSYSVCKRCVHKATDTEYAVKIIDKSKRDPSEEIEILLRYG
QHPNIITLKDVYDDGKFVYLMELMRGGELLDRLRQRYFSEREASDVLCTITKTMDYLHSQGVVHR
DLKPSNILYRDESGSPESIRVCDFGFAKQLRAGNLLMTPCYTANFVAPEVLKRQGYDAACDIWS
LGILLYTMLAGFTPFANGPDDTPEEILARIGSGKYALSGGNWDSISDAAKDVVSKMLHVDPHQRLT
AMQVLKHPWVWNREYLSPNQLSRQDVHLVKGAMAATYFALNRTPQAPRLEPVLSSNLAQRRGM
KRLTSTRL

Host Rabbit

Reactivity Human

Purification Protein A

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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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 kinase s. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates various subst rates, 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 transcript ional 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, p olypeptide 2

Pathway

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

Disease

- [Tobacco Use Disorder](#)