

DNAxPAb

Hard-to-Find
Antibody

RPS6KA3 DNAxPab

Catalog # H00006197-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human RPS6KA3 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MPLAQLADPWQKMAVESPSDSAENGQQIMDEPMGEEEEINPQTEEVSIKEIAITHHVKEGHEKADP
SQFELLKVLGQGSFGKVFLVKKILGSDARQLYAMKVLKKATLKVRDRVRTKMERDILVEVNHPFV
KLHYAFQTEGKLYLILDFLRGGDLFTRLSKEVMFTEEDVKFYLAELALALDHLHSLGIYRDLKPENIL
LDEEGHIKLTDFGLSKESIDHEKKAYSFCGTVEYMAPEVVNRRGHTQSADWWSFGVLMFEMLTG
TLPFQGKDRKETMTMILKAKLGMPQFLSPEAQSLRLMFKRNPANRLGAGPDGVVEIKRHSFFSTI
DWNKLYRREIHPPFKPATGRPEDTFYFDPEFTAKTPKDSGPPIPSANAHQLFRGFSFVAITSDDDES
QAMQTVGVHSIVQQLHRNSIQFTDGYEVKEDIGVGSYSVCKRCIHKATNMEFAVKIIDKSKRDPTEE
IEILLRYGQHPNIITLKDVYDDGKYVYVVTLMKGGELLDKILRQKFFSEREASAVLFTITKTVEYLHA
QGVVHRDLKPSNILYVDESGNPESIRICDFGFAKQLRAENGLLMTPCYTANFVAPEVLKRQGYDA
ACDWSLGVLLYTMLTGYPFANGPDDTPEEILARIGSGKFSLSGGYWNVSVD TAKDLVSKMLHV
DPHQRLTAALVLRHPWVHWDQLPQYQLNRQDAPHLVKGAMAATYSALNRNQSPVLEPVGRSTL
AQRGIIKKITSTAL

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 — RPS6KA3

Entrez GeneID	6197
GeneBank Accession#	BC096303.1
Protein Accession#	AAH96303.1
Gene Name	RPS6KA3
Gene Alias	CLS, HU-3, ISPK-1, MAPKAPK1B, MRX19, RSK, RSK2, S6K-alpha3, p90-RSK2, pp90RSK2
Gene Description	ribosomal protein S6 kinase, 90kDa, polypeptide 3
Omim ID	300075 303600
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. Mutations in this g ene have been associated with Coffin-Lowry syndrome (CLS). [provided by RefSeq
Other Designations	OTTHUMP00000023036 insulin-stimulated protein kinase 1 mental retardation, X-linked 19 ribos omal protein S6 kinase, 90kD, polypeptide 3

Pathway

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

Disease

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