

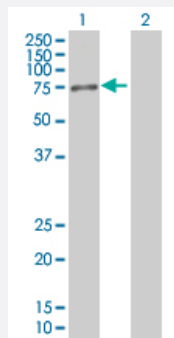
MaxPab®

RPS6KA3 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006197-B01P

Size 50 ug

Applications

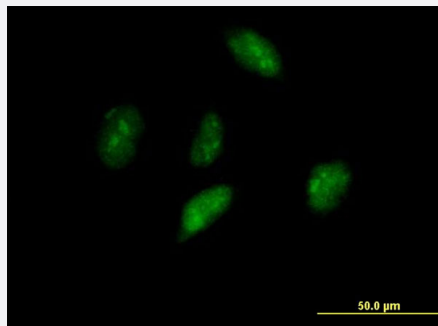


Western Blot (Transfected lysate)

Western Blot analysis of RPS6KA3 expression in transfected 293T cell line ([H00006197-T01](#)) by RPS6KA3 MaxPab polyclonal antibody.

Lane 1: RPS6KA3 transfected lysate(81.4 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RPS6KA3 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human RPS6KA3 protein.

Immunogen

RPS6KA3 (AAH96303, 1 a.a. ~ 740 a.a) full-length human protein.

Sequence

MPLAQLADPWQKMAVESPSDSAENGQQIMDEPMGEEEEINPQTEEVSIKEIAITHHVKEGHEKADP
SQFELLKVLGQGSFGKVFLVKKILGSDARQLYAMKVLKKATLKVRDRVRTKMERDILVEVNHPFV
KLHYAFQTEGKLYLILDFLRGGDLFTRLKSKEVMFTEEDVKFYLAELALALDHLHSLGIYRDLKPENIL
LDEEGHIKLTDFGLSKESIDHEKKAYSFCGTVEYMAPEVVNRRGHTQSADWWVSFGVLMFEMLTG
TLPFQGKDRKETMTMLKAKLGMPQFLSPEAQSLLRMLFKRNPANRLGAGPDGVVEIKRHSFFSTI
DWNKLYRREIHPPFKPATGRPEDTFYFDPEFTAKTPKDSPGIPPSANAHQLFRGFSFVAITSDDDES
QAMQTVGVHSVQQLHRNSIQFTDGYEVKEDIGVGSYSVCKRCIHKATNMEFAVKIIDKSKRDPTEE
IEILLRYGQHPNIITLKD VYDDGKYVYVVT ELMKGGELLDKILRQKFFSEREASAVLFTITKTVEYLHA
QGVVHRDLKPSNLYVDESGNPESIRICDFGFAKQLRAENGLLMTPCYTANFVAPEVLKRQGYDA
ACDWSLGVLLYTMLTGYTPFANGPDDTPEEILARIGSGKFSLSGGYWNSVSDTAKDLVSKMLHV
DPHQRLTAALVLRHPWVHWDQLPQYQLNRQDAPHLVKGAMAATYSALNRNQSPVLEPVGRSTL
AQRGKIKITSTAL

Host

Mouse

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.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of RPS6KA3 expression in transfected 293T cell line ([H00006197-T01](#)) by RPS6KA3 MaxPab polyclonal antibody.

Lane 1: RPS6KA3 transfected lysate(81.4 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of [purified](#) MaxPab antibody to RPS6KA3 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — RPS6KA3

Entrez GeneID

[6197](#)

GeneBank Accession#

[BC096303](#)

Protein Accession#

[AAH96303](#)

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 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. Mutations in this gene have been associated with Coffin-Lowry syndrome (CLS). [provided by RefSeq]
Other Designations	OTTHUMP00000023036 insulin-stimulated protein kinase 1 mental retardation, X-linked 19 ribosomal 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](#)