

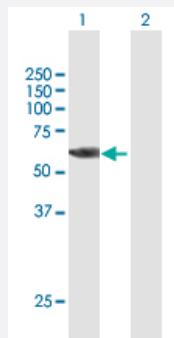
MaxPab®

RPS6KB2 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00006199-B02P

Size 50 ug

Applications

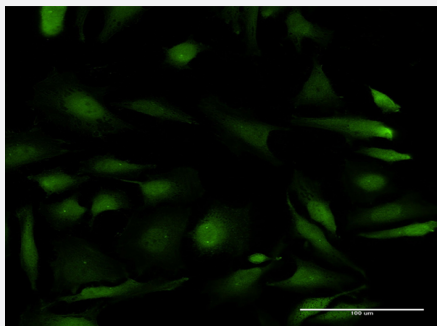


Western Blot (Transfected lysate)

Western Blot analysis of RPS6KB2 expression in transfected 293T cell line ([H00006199-T01](#)) by RPS6KB2 MaxPab polyclonal antibody.

Lane 1: RPS6KB2 transfected lysate(53.02 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RPS6KB2 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human RPS6KB2 protein.

Immunogen

RPS6KB2 (AAH06106.3, 1 a.a. ~ 482 a.a) full-length human protein.

Sequence

MAAVFDLDLETEEGSEGEPELSPADACPLAELRAAGLEPVGHYEEVELTETSVNVGPERIGP
HSFELLRLVLGKGGYGKVFQVRKVQGTNLGKIYAMKVLRLKAKIVRNAKDTAHTRAERNILESVKHPFI
VELAYAFQTGGKLYLILECLSGGELFTHLEREGIFLEDACFYLAETLALGHLHSQGIYRDLKPENIM
LSSQGHKLTDFGLCKESIHEGAVTHTFCGTIEYMAPEILVRSGHNRAVDWWSLGALMYDMLTGSP
PFTAENRKKTMDKIIRGKLALPPYLTPDARDLVKKFLKRNPSSQRIGGGPGDAADVQRHPFFRHMN
WDDLLAWRVDPPFRPCLQSEEDVSQFDTRFTRQTPVDSPDDTALSESANQAFLGFTYVAPSVL
DSIKEGFSFQPKLRSPRRLNSSPRAPVSPLKFSPFEGFRPSPSLPEPTELPLPLLPPPPSTTA
PLPIRPPSGTKKSKRGRGRPGR

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

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RPS6KB2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — RPS6KB2

Entrez GeneID	6199
GeneBank Accession#	BC006106.1
Protein Accession#	AAH06106.3
Gene Name	RPS6KB2
Gene Alias	KLS, P70-beta, P70-beta-1, P70-beta-2, S6K-beta2, S6K2, SRK, STK14B, p70(S6K)-beta, p70 S6Kb
Gene Description	ribosomal protein S6 kinase, 70kDa, polypeptide 2
Omim ID	608939
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 nonidentical kinase catalytic domains and phosphorylates the S6 ribosomal protein and eucaryotic translation initiation factor 4B (eIF4B). Phosphorylation of S6 leads to an increase in protein synthesis and cell proliferation. [provided by RefSeq]

Other Designations

S6 kinase-related kinase|p70 ribosomal S6 kinase beta|ribosomal protein S6 kinase, 70kD, polypeptide 2|serine/threonine-protein kinase 14 beta

Publication Reference

- [S6K2-mediated regulation of TRBP as a determinant of miRNA expression in human primary lymphatic endothelial cells.](#)

Warner MJ, Bridge KS, Hewitson JP, Hodgkinson MR, Heyam A, Massa BC, Haslam JC, Chatzifrangkeskou M, Evans GJ, Plevin MJ, Sharp TV, Lagos D.

Nucleic Acids Research 2016 Nov; 44(20):9942.

Application: PLA, Human, Dermal lymphatic endothelial cells

Pathway

- [Acute myeloid leukemia](#)
- [ErbB signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Insulin signaling pathway](#)
- [mTOR signaling pathway](#)
- [TGF-beta signaling pathway](#)

Disease

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