

RPS6KB2 / S6K2 Antibody (clone 4B11)
Mouse Monoclonal Antibody
Catalog # ALS17225**Specification**

RPS6KB2 / S6K2 Antibody (clone 4B11) - Product Information

Application	IHC-P, IF, WB, E
Primary Accession	Q9UBS0
Other Accession	6199
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Calculated MW	53455

RPS6KB2 / S6K2 Antibody (clone 4B11) - Additional Information**Gene ID** 6199**Other Names**

RPS6KB2, KLS, p70 S6K-beta, p70-beta-1, p70-beta-2, p70S6Kb, p70 ribosomal S6 kinase beta, p70(S6K)-beta, p70-beta, S6K-beta, S6K-beta-2, S6K-beta2, SRK, p70-S6K 2, S6 kinase-related kinase, p70 S6 kinase beta, p70 S6KB, p70S6K2, S6 kinase 2, S6K2, STK14B

Target/Specificity

Human RPS6KB2 / S6K2

Reconstitution & Storage

PBS, pH 7.4. Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

RPS6KB2 / S6K2 Antibody (clone 4B11) is for research use only and not for use in diagnostic or therapeutic procedures.

RPS6KB2 / S6K2 Antibody (clone 4B11) - Protein Information**Name** RPS6KB2**Synonyms** STK14B**Function**

Phosphorylates specifically ribosomal protein S6 (PubMed:29750193). Seems to act downstream of mTOR signaling in response to growth factors and nutrients to promote cell proliferation, cell growth and cell cycle progression in an alternative pathway regulated by MEAK7 (PubMed:29750193).

Cellular Location

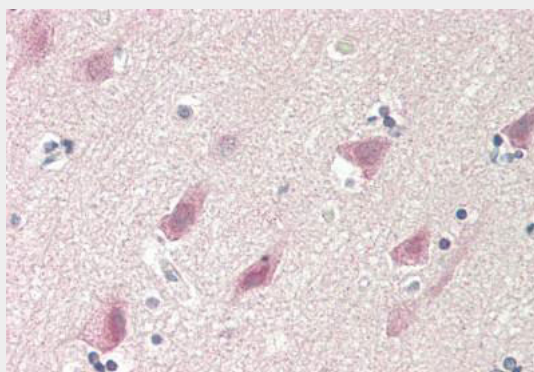
Cytoplasm. Nucleus.

RPS6KB2 / S6K2 Antibody (clone 4B11) - Protocols

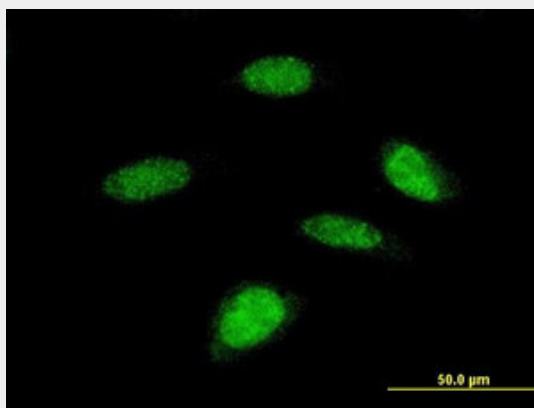
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

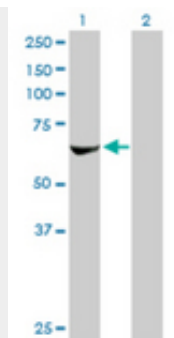
RPS6KB2 / S6K2 Antibody (clone 4B11) - Images



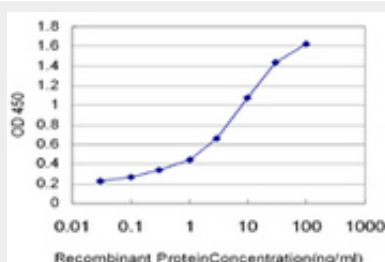
Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence of monoclonal antibody to RPS6KB2 on HeLa cell .



Western Blot analysis of RPS6KB2 expression in transfected 293T cell line by RPS6KB2 monoclonal...



Detection limit for recombinant GST tagged RPS6KB2 is approximately 0.1 ng/ml as a capture antibody.

RPS6KB2 / S6K2 Antibody (clone 4B11) - Background

Phosphorylates specifically ribosomal protein S6.

RPS6KB2 / S6K2 Antibody (clone 4B11) - References

- Gout I., et al. J. Biol. Chem. 273:30061-30064(1998).
- Saitoh M., et al. Biochem. Biophys. Res. Commun. 253:470-476(1998).
- Lee-Fruman K.K., et al. Oncogene 18:5108-5114(1999).
- Koh H.J., et al. Submitted (OCT-1998) to the EMBL/GenBank/DDBJ databases.
- Ota T., et al. Nat. Genet. 36:40-45(2004).