

Mouse Rps6kb2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14928b**Specification**

Mouse Rps6kb2 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9Z1M4
Other Accession	NP_067460.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	53538
Antigen Region	318-346

Mouse Rps6kb2 Antibody (C-term) - Additional Information**Gene ID** 58988**Other Names**

Ribosomal protein S6 kinase beta-2, S6K-beta-2, S6K2, 70 kDa ribosomal protein S6 kinase 2, p70 ribosomal S6 kinase beta, p70 S6 kinase beta, p70 S6K-beta, p70 S6KB, Rps6kb2

Target/Specificity

This Mouse Rps6kb2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 318-346 amino acids from the C-terminal region of mouse Rps6kb2.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Mouse Rps6kb2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Rps6kb2 Antibody (C-term) - Protein Information**Name** Rps6kb2**Function** Phosphorylates specifically ribosomal protein S6. 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.

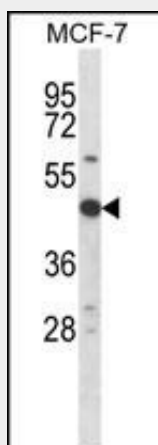
Cellular Location

Cytoplasm. Nucleus.

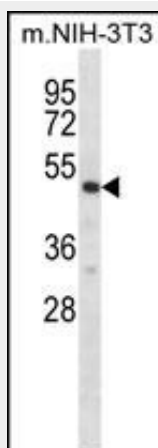
Mouse Rps6kb2 Antibody (C-term) - Protocols

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](#)

Mouse Rps6kb2 Antibody (C-term) - Images

Mouse Rps6kb2 Antibody (C-term) (Cat. #AP14928b) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the Rps6kb2 antibody detected the Rps6kb2 protein (arrow).



Mouse Rps6kb2 Antibody (C-term) (Cat. #AP14928b) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the Rps6kb2 antibody detected the Rps6kb2 protein (arrow).

Mouse Rps6kb2 Antibody (C-term) - Background

Phosphorylates specifically ribosomal protein S6.

Mouse Rps6kb2 Antibody (C-term) - References

Lai, K.P., et al. EMBO J. 29(17):2994-3006(2010)
Michels, A.A., et al. Mol. Cell. Biol. 30(15):3749-3757(2010)
Alain, T., et al. Proc. Natl. Acad. Sci. U.S.A. 107(4):1576-1581(2010)
Pastor, M.D., et al. J. Biol. Chem. 284(33):22067-22078(2009)
Kroczyńska, B., et al. Mol. Cell. Biol. 29(10):2865-2875(2009)