

Mouse TSC1 Antibody (Center S321) Blocking Peptide
Synthetic peptide
Catalog # BP19564c**Specification**

Mouse TSC1 Antibody (Center S321) Blocking Peptide - Product Information**Mouse TSC1 Antibody (Center S321) Blocking Peptide - Additional Information****Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Mouse TSC1 Antibody (Center S321) Blocking Peptide - Protein Information**Mouse TSC1 Antibody (Center S321) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

Mouse TSC1 Antibody (Center S321) Blocking Peptide - Images**Mouse TSC1 Antibody (Center S321) Blocking Peptide - Background**

In complex with TSC2, inhibits the nutrient-mediated or growth factor-stimulated phosphorylation of S6K1 and EIF4EBP1 by negatively regulating mTORC1 signaling (By similarity). Implicated as a tumor suppressor. Involved in microtubule-mediated protein transport, but this seems to be due to unregulated mTOR signaling (By similarity).

Mouse TSC1 Antibody (Center S321) Blocking Peptide - References

Kladney, R.D., et al. Cancer Res. 70(21):8937-8947(2010)Sathaliyawala, T., et al. Immunity 33(4):597-606(2010)Scott, C.L., et al. Am. J. Physiol. Lung Cell Mol. Physiol. 299 (4), L455-L471 (2010) ;Bartolome, A., et al. Endocrinology 151(7):3084-3094(2010)Squarize, C.H., et al. PLoS ONE 5 (5), E10643 (2010) :