

Mouse Stradb Antibody (C-term) Blocking Peptide

Synthetic peptide

Catalog # BP16163b

Specification

Mouse Stradb Antibody (C-term) Blocking Peptide - Product Information

Primary Accession

[Q8K4T3](#)

Mouse Stradb Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 227154

Other Names

STE20-related kinase adapter protein beta, STRAD beta, Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 2 protein homolog, ILP-interacting protein homolog, Polyploidy-associated protein kinase, Pseudokinase ALS2CR2, Stradb, Als2cr2, Papk, Syradb

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 Stradb Antibody (C-term) Blocking Peptide - Protein Information

Name Stradb

Synonyms Als2cr2, Papk, Syradb

Function

Pseudokinase which, in complex with CAB39/MO25 (CAB39/MO25alpha or CAB39L/MO25beta), binds to and activates STK11/LKB1. Adopts a closed conformation typical of active protein kinases and binds STK11/LKB1 as a pseudosubstrate, promoting conformational change of STK11/LKB1 in an active conformation (By similarity).

Cellular Location

Nucleus. Cytoplasm.

Mouse Stradb Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

Mouse Stradb Antibody (C-term) Blocking Peptide - Images

Mouse Stradb Antibody (C-term) Blocking Peptide - Background

Pseudokinase which, in complex with CAB39, binds to and activates STK11. Relocates STK11 from the nucleus to the cytoplasm. Plays an essential role in STK11-mediated G1 cell cycle arrest.

Mouse Stradb Antibody (C-term) Blocking Peptide - References

Ling, K.H., et al. Genome Biol. 10 (10), R104 (2009) :Barnes, A.P., et al. Cell 129(3):549-563(2007)Nishigaki, K., et al. J. Biol. Chem. 278(15):13520-13530(2003)Welch, C.L., et al. Mamm. Genome 8(8):620-621(1997)Welch, C.L., et al. J. Lipid Res. 37(7):1406-1421(1996)