10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TSPYL2 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP20456c

Specification

TSPYL2 Blocking Peptide (Center) - Product Information

Primary Accession	Q9H2G4
Other Accession	Q9BE64

TSPYL2 Blocking Peptide (Center) - Additional Information

Gene ID 64061

Other Names
Testis-specific Y-encoded-like protein 2, TSPY-like protein 2, Cell division autoantigen 1, Cutaneous T-cell lymphoma-associated antigen se20-4, CTCL-associated antigen se20-4, Differentially-expressed nucleolar TGF-beta1 target protein, Nuclear protein of 79 kDa, NP79, TSPYL2, CDA1, DENTT, TSPX

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.

TSPYL2 Blocking Peptide (Center) - Protein Information

Name TSPYL2

Synonyms CDA1, DENTT, TSPX

Function
Part of the CASK/TBR1/TSPYL2 transcriptional complex which modulates gene expression in response to neuronal synaptic activity, probably by facilitating nucleosome assembly. May inhibit cell proliferation by inducing p53-dependent CDKN1A expression.

Cellular Location
Nucleus. Cytoplasm. Note=Enriched in transcriptionally active regions of chromatin in neurons

Tissue Location
Ubiquitously expressed, with highest levels in brain, testis and heart, and lowest levels in liver and pancreas

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TSPYL2 Blocking Peptide (Center) - Protocols

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

- Blocking Peptides

TSPYL2 Blocking Peptide (Center) - Images

TSPYL2 Blocking Peptide (Center) - Background

Part of the CASK/TRB1/TSPYL2 transcriptional complex which modulates gene expression in response to neuronal synaptic activity, probably by facilitating nucleosome assembly. May inhibit cell proliferation by inducing p53-dependent CDKN1A expression.

TSPYL2 Blocking Peptide (Center) - References

Dephoure N., et al. Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).
Chai Z., et al. J. Biol. Chem. 276:33665-33674(2001).
Eichmueller S., et al. Proc. Natl. Acad. Sci. U.S.A. 98:629-634(2001).
Bechtel S., et al. BMC Genomics 8:399-399(2007).
Ross M.T., et al. Nature 434:325-337(2005).