

**TSPYL2 Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP20456c****Specification**

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**TSPYL2 Blocking Peptide (Center) - Product Information**

Primary Accession [O9H2G4](#)  
Other Accession [O9BE64](#)

**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

## **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**

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## **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).