

**TSPYL2 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20456c****Specification**

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**TSPYL2 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9H2G4</a>
Other Accession	<a href="#">O9BE64</a>
Reactivity	Human
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	79435
Antigen Region	380-409

**TSPYL2 Antibody (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

**Target/Specificity**

This TSPYL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 380-409 amino acids from the Central region of human TSPYL2.

**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**

TSPYL2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**TSPYL2 Antibody (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**

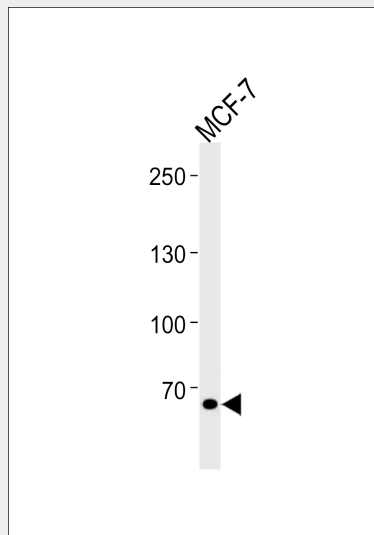
Ubiquitously expressed, with highest levels in brain, testis and heart, and lowest levels in liver and pancreas

**TSPYL2 Antibody (Center) - 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](#)

**TSPYL2 Antibody (Center) - Images**



TSPYL2 Antibody (Center) (Cat. #AP20456c) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the TSPYL2 antibody detected the TSPYL2 protein (arrow).

**TSPYL2 Antibody (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 Antibody (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).  
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