

**TSPYL2 (aa441-454) Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF3688a

**Specification**

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**TSPYL2 (aa441-454) Antibody (internal region) - Product Information**

Application	WB
Primary Accession	<a href="#">O9H2G4</a>
Other Accession	<a href="#">NP_071400.1</a> , <a href="#">64061</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	79435

**TSPYL2 (aa441-454) Antibody (internal region) - 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**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TSPYL2 (aa441-454) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**TSPYL2 (aa441-454) Antibody (internal region) - 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 (aa441-454) Antibody (internal region) - 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 (aa441-454) Antibody (internal region) - Images



AF3688a (0.3 µg/ml) staining of Jurkat lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### TSPYL2 (aa441-454) Antibody (internal region) - References

Role of the Y-located putative gonadoblastoma gene in human spermatogenesis. Lau YF, Li Y, Kido T. Syst Biol Reprod Med. 2011 Feb;57(1-2):27-34. PMID: 21204751