

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

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

Application	WB, E
Primary Accession	O9H2G4
Other Accession	NP_071400.1 , 64061
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

Dilution

WB~~1:1000

E~~N/A

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