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TSPYL2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20456c

Product Information

Application	WB, E
Primary Accession	Q9H2G4
Other Accession	Q9BE64
Reactivity	Human
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	79435
Antigen Region	380-409

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 E~~Use at an assay dependent concentration.
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.

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

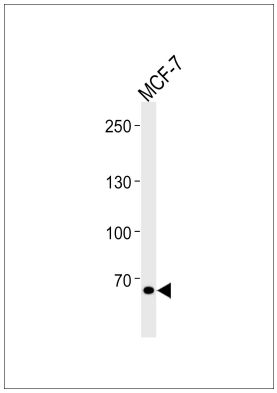
Background

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.

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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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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.