

Product Name: TSYL2 Rabbit Polyclonal Antibody
Catalog #: APRab19383



Summary

Production Name	TSYL2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	TSPYL2 CDA1 DENTT TSPX HRIHFB2216
Alternative Names	
Gene ID	64061.0
SwissProt ID	Q9H2G4.Synthesized peptide derived from part region of human protein

Application

Dilution Ratio	WB 1:500-2000 ELISA 1:5000-20000
Molecular Weight	76kD

Background

This gene encodes a member of the testis-specific protein Y-encoded, TSPY-like/SET/nucleosome assembly protein-1 superfamily. The encoded protein is localized to the nucleolus where it functions in chromatin remodeling and as an

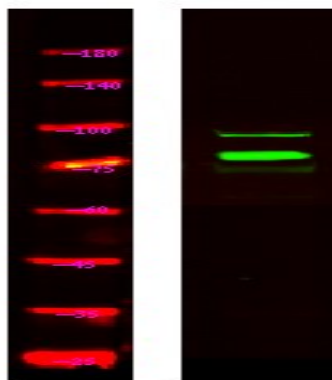
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inhibitor of cell-cycle progression. This protein may play a role in the suppression of tumor growth. [provided by RefSeq, Sep 2009],function:Part of the CASK/TRB1/TSPYL2 transcriptional complex which modulates gene expression in response to neuronal synaptic activity, probably by facilitating nucleosome assembly. May inhibit cell proliferation by inducing p53-dependent CDKN1A expression.,induction:Up-regulated in growth-arrested T-cells. Induced by TGFB1 and all-trans retinoic acid in lung cancer cells (at protein level),miscellaneous:Subject to X inactivation.,miscellaneous:Synaptic activity down-regulates TSPYL2 protein levels by inducing rapid proteasomal degradation.,PTM:Phosphorylation at Ser-20 and/or Thr-340 impairs function on cell proliferation.,similarity:Belongs to the nucleosome assembly protein (NAP) family.,subcellular location:Enriched in transcriptionally active regions of chromatin in neurons.,subunit:Interacts with histones. Interacts with CASK. Part of a complex containing CASK, TRB1 and TSPYL2.,tissue specificity:Ubiquitously expressed, with highest levels in brain, testis and heart, and lowest levels in liver and pancreas.,

Research Area

Image Data



Western Blot analysis of Hela lysis, using primary antibody at 1:1000 dilution. Secondary antibody was diluted at 1:10000

Note

For research use only.