



TSYL2 Monoclonal Antibody

Catalog No	YP-mAb-06570
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	TSPYL2 CDA1 DENTT TSPX HRIHFB2216
Protein Name	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-expr
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TSYL2 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	76kD
Cell Pathway	Nucleus . Cytoplasm . Enriched in transcriptionally active regions of chromatin in neurons. .
Tissue Specificity	Ubiquitously expressed, with highest levels in brain, testis and heart, and lowest levels in liver and pancreas.
Function	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.,t



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 inhibitor of cell-cycle progression. This protein may play a role in the suppression of tumor growth. [provided by RefSeq, Sep 2009],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using TSYL2 Monoclonal Antibody