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<b>Product name:</b>	TSYL2 Rabbit Polyclonal Antibody
<b>Cat number:</b>	ABN19383
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Polyclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Synthesized peptide derived from part region of human protein
<b>Reactivity:</b>	Human,Mouse
<b>Applications:</b>	WB 1:500-1:2000,ELISA 1:5000-1:20000
<b>Molecular Weight:</b>	76kDa
<b>Purification:</b>	Affinity purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	<p>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],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.,</p>