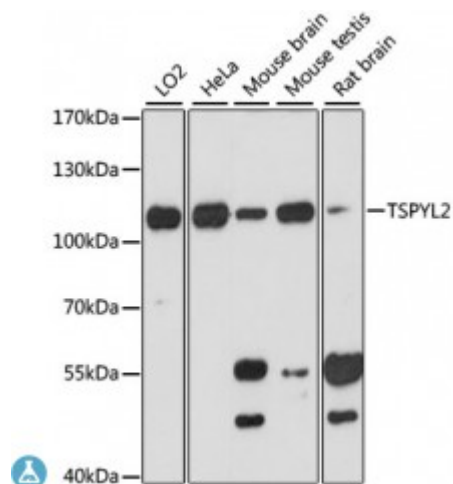


Anti-TSPYL2 Antibody



Description

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.

Model	STJ115084
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 240-460 of human TSPYL2 (NP_071400.1).
Gene ID	64061
Gene Symbol	TSPYL2
Dilution range	WB 1:1000 - 1:2000
Tissue Specificity	Ubiquitously expressed, with highest levels in brain, testis and heart, and lowest levels in liver and pancreas
Purification	Affinity purification
Note	For Research Use Only (RUO).
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-expressed nucleolar TGF-beta1 target p

Molecular Weight	79.435 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:24358 OMIM:300564 Reactome:R-HSA-381038
Alternative 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 p
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 Localization	Nucleus
Post-translational Modifications	Phosphorylation at Ser-20 and/or Thr-340 impairs function on cell proliferation,

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