



Rabbit Anti-TSPY1 antibody

SL6607R

Product Name:	TSPY1
Chinese Name:	睾丸特异定蛋白质编码Y1抗体
Alias:	DYS14; pJA 923; pJA923; Testis specific protein Y linked 1; Testis specific Y encoded protein 1; TSPY 1; TSPY; TSPY1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	34kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TSPY1:231-308/308
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The function of this protein is unknown. TSPY genes are located on the Y-chromosome of several mammalian species. TSPY encodes a testis-specific protein 1, which probably acts as nucleosome-binding transcription factor. Homology with the SET/NAP/DENTT oncogene family suggest a role in spermatogenic cell division and seminal oncogenesis.

Function:

May be involved in sperm differentiation and proliferation.

Subcellular Location:

Cytoplasm. Nucleus. Note=Predominantly cytoplasmic. Also found in nucleus.

Tissue Specificity:

Specifically expressed in testicular tissues. Isoform 1 and isoform 2 are expressed in spermatogonia and spermatocytes. Found in early testicular carcinoma in situ, spermatogonial cells in testicular tissues of 46,X,Y female and in prostate cancer cell lines.

Post-translational modifications:

Phosphorylated.

Similarity:

Belongs to the nucleosome assembly protein (NAP) family.

SWISS:

Q01534

Gene ID:

7258

Database links:

[Entrez Gene: 7258](#)Human

[Entrez Gene: 728137](#)Human

[Omin: 480100](#)Human

[SwissProt: Q01534](#)Human

[Unigene: 556121](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.