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TSPY Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14884b

Specification

TSPY Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q01534
Other Accession	P0CW01, P0CW00, P0CV99, P0CV98, A6NKD2, NP_001071165.2, XP_002344239.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**274-303**

TSPY Antibody (C-term) - Additional Information

Gene ID 100289087;7258;728137

Other Names
Testis-specific Y-encoded protein 1, Cancer/testis antigen 78, CT78, TSPY1, TSPY

Target/Specificity
This TSPY antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 274-303 amino acids from the C-terminal region of human TSPY.

Dilution
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TSPY Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TSPY Antibody (C-term) - Protein Information

Name TSPY1

Synonyms TSPY

Function May be involved in sperm differentiation and proliferation.

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

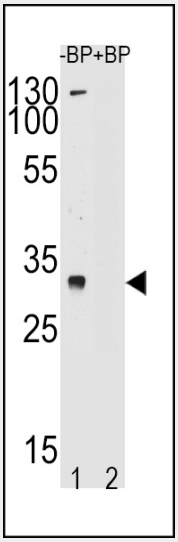
Tissue Location
Specifically expressed in testicular tissues. Isoform 1 and isoform 2 are expressed in spermatogonia and spermatocytes. Found in early testicular carcinoma in situ, spermatogonial cells in testicular tissues of 46,X,Y female and in prostate cancer cell lines.

TSPY Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

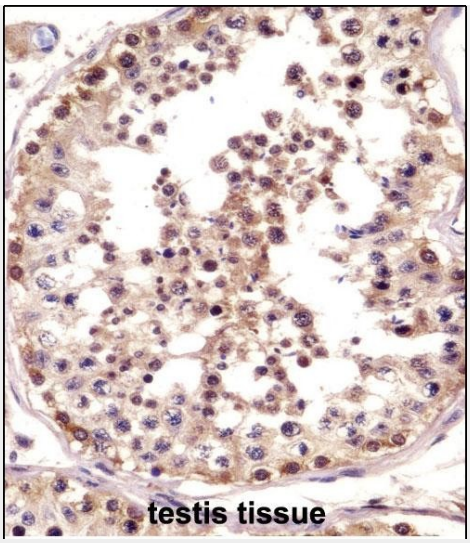
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TSPY Antibody (C-term) - Images



Western blot analysis of TSPY Antibody (C-term) (Cat. #AP14884b) pre-incubated without(lane 1) and with(lane 2) blocking peptide in LNCAP cell line lysate. TSPY (arrow) was detected using the purified TSPY Antibody (C-term).

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TSPY Antibody (C-term) (AP14884b)immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of TSPY Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

TSPY Antibody (C-term) - Background

TSPY may be involved in sperm differentiation and proliferation.

TSPY Antibody (C-term) - References

Kimura, K., et al. Genome Res. 16(1):55-65(2006)
Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002)