

Datasheet for 600-401-FS2**TSPY1S Antibody****Overview**

Description:	Anti-TSPY1S (RABBIT) Antibody - 600-401-FS2
Item No.:	600-401-FS2
Size:	100 µg
Applications:	ELISA, WB
Reactivity:	Human, Mouse
Host Species:	Rabbit

Product Details

Background:	Testis-specific protein on Y chromosome (TSPY1) is an ampliconic gene on the Y chromosome that has been associated with gonadoblastoma. Recent experiments have shown that in androgen-dependent testicular germ-cell tumors, TSPY1 can repress the androgen-bound androgen receptor (AR), a member of the nuclear steroid hormone receptor family that acts as a ligand-inducible transcription factor, suggesting that TSPY1 is a repressor of cell proliferation in germ-cell tumors and potentially in normal gonadal cells during early development. Two distinct isoforms of TSPY1, TSPY1L and TSPY1S, are known to exist.
Synonyms:	TSPY1S Antibody, CT78, TSPY, DYS14, pJA923, Testis-specific Y-encoded protein 1, CT78
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	TSPY1
Reactivity:	Human, Mouse
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti- TSPY1S antibody was prepared from whole rabbit serum produced by repeated immunizations with a 13 amino acid peptide near the C-terminus of human TSPY1S.

Purity/Specificity: Anti-TSPY1S Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. TSPY1S antibody is human and mouse reactive. At least three isoforms of TSPY1 are known to exist; this antibody will detect only TSPY1S

Relevant Links:

- [UniProtKB - Q01534](#)
- [GeneID - 100289087](#)
- [NCBI - NP_001071165.2](#)

Application Details

Tested Applications: ELISA, WB

Application Note: Anti-TSPY1S Antibody has been tested for use in ELISA and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 35 kDa in Western Blots of specific cell lysates and tissues.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:10,000 - 1:20,000

WB: 1-2 µg/mL

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1 mg/mL by UV absorbance at 280 nm

Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2

Preservative: 0.02% (w/v) Sodium Azide

Stabilizer: None

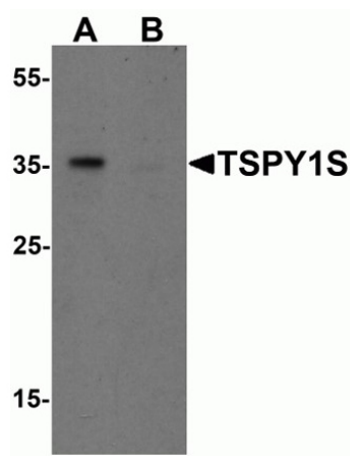
Shipping & Handling

Shipping Condition: Dry Ice

Storage Condition: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western blot analysis of TSPY1S.

Load: A20 cell lysate.

Primary Antibody: TSPY1S antibody at 1 μ g/mL in (A) the absence and (B) the presence of blocking peptide.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.