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Datasheet for 600-401-EU3

SPRYD5 Antibody

Overview

Description:	Anti-SPRYD5 (RABBIT) Antibody - 600-401-EU3
Item No.:	600-401-EU3
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	The SPRY domain-containing protein 5 (SPRYD5) is a member of a family of proteins whose sole common characteristic is the presence of a SPRY domain. SPRY domains are structural domains that were first described in the fungal Dictyostelium discoideum tyrosine kinase spore lysis A. In most systems SPRY domains provide binding sites for regulatory proteins or intramolecular binding sites that maintain the structural integrity of a protein. SPRYD5 belongs to the TRIM/RBCC family and contains one B box-type zinc finger, one B30.2/SPRY domain and one RING-type zinc finger. Little is known of the function of the SPRYD5 protein.
Synonyms:	SPRYD5 Antibody, SPRYD5, TRIM51A, SPRYD5, Tripartite motif-containing protein 51, SPRY domain-containing protein 5
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	TRIM51
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-SPRYD5 antibody was prepared from whole rabbit serum produced by repeated immunizations with an 18 amino acid synthetic peptide near the C-terminus of human SPRYD5.

Purity/Specificity:	Anti-SPRYD5 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. SPRYD5 antibody is predicted to not cross-react with other SPRYD protein family members. At least two isoforms of SPRYD5 are known to exist; this antibody will detect both isoforms
Relevant Links:	• UniProtKB - Q9BSJ1 • GeneID - 84767 • NCBI - NP_116070.2

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-SPRYD5 Antibody has been tested for use in ELISA, Western Blotting, Immunohistochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 52 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:	1:2,500 - 1:5,000
IF:	20 µg/mL
IHC:	5 µg/mL
WB:	0.25-0.5 µg/mL

Formulation

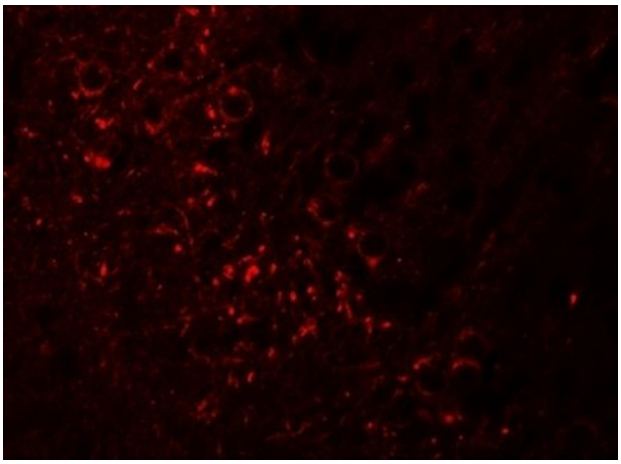
Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

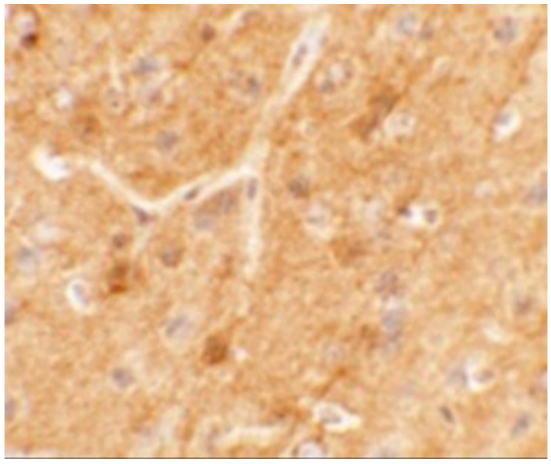
Shipping Condition:	Dry Ice

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.

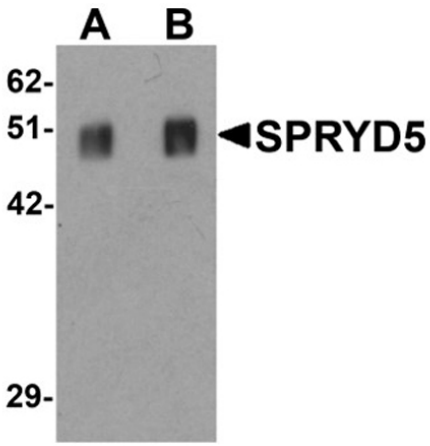
Images



Immunofluorescence Microscopy
Immunofluorescence of SPRYD5.
Tissue: mouse brain tissue. Primary Antibody: SPRYD5 antibody at 20 µg/mL.



Immunohistochemistry
Immunohistochemistry of SPRYD5. Tissue: mouse brain tissue. Primary Antibody: SPRYD5 antibody at 5 µg/mL.



Western Blot
Western blot analysis of SPRYD5.
Load: rat brain tissue lysate. Primary Antibody: SPRYD5 antibody at (A) 0.25µg/mL and (B) 0.5µg/mL.

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.