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Datasheet for 600-401-EU1

SPRYD3 Antibody

Overview

Description:	Anti-SPRYD3 (RABBIT) Antibody - 600-401-EU1
Item No.:	600-401-EU1
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	The SPRY domain-containing protein 3 (SPRYD3) 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. Little is known of the function of the SPRYD3 protein.
Synonyms:	SPRYD3 Antibody, SPRY domain-containing protein 3
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	SPRYD3
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-SPRYD3 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 16 amino acid synthetic peptide near the internal region of human SPRYD3.

Purity/Specificity:	Anti-SPRYD3 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. SPRYD3 antibody is predicted to not cross-react with other SPRYD protein family members. At least two isoforms of SPRYD3 are known to exist.
Relevant Links:	• UniProtKB - Q8NCJ5 • GeneID - 84926 • NCBI - NP_116229.1

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-SPRYD3 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 50 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
IF:	20 µg/mL
IHC:	5 µg/mL
WB:	1 µg/mL

Formulation

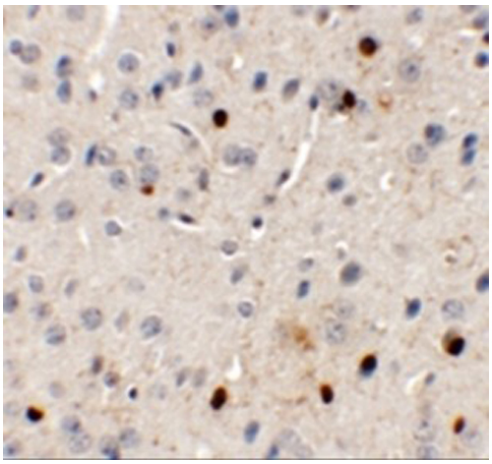
Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

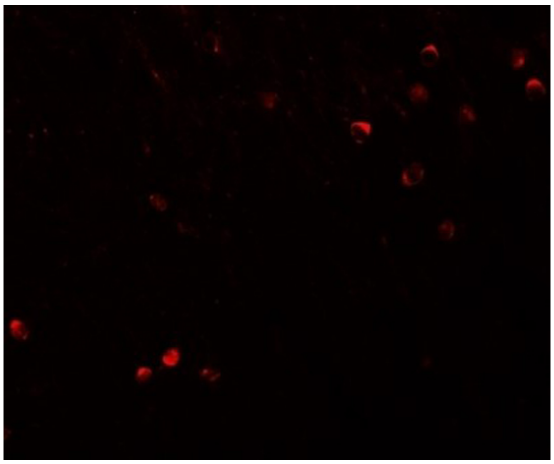
Shipping Condition:	Dry Ice

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.

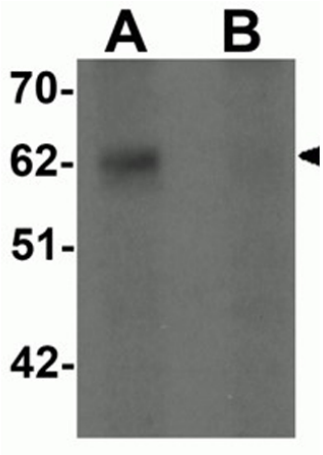
Images



Immunohistochemistry
Immunohistochemistry of SPRYD3.
Tissue: mouse brain tissue.
Primary Antibody: SPRYD3 antibody at 5 µg/mL.



Immunofluorescence Microscopy
Immunofluorescence of SPRYD3.
Tissue: mouse brain tissue.
Primary Antibody: SPRYD3 antibody at 20 µg/mL.



Western Blot
Western blot analysis of SPRYD3. Load: human brain tissue lysate.
Priamry Antibody: SPRYD3 antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.

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