

SPRYD3 Antibody

Catalog # ASC11348

Product Information

Application	WB, IF, E, IHC-P
Primary Accession	Q8NCJ5
Other Accession	NP_116229 , 14249554
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	49694
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	SPRYD3 antibody can be used for detection of SPRYD3 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Additional Information

Gene ID	84926
Other Names	SPRY domain-containing protein 3, SPRYD3
Target/Specificity	SPRYD3; SPRYD3 antibody is predicted to not cross-react with other SPRYD protein family members. At least two isoforms of SPRYD3 are known to exist.
Reconstitution & Storage	SPRYD3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Precautions	SPRYD3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SPRYD3
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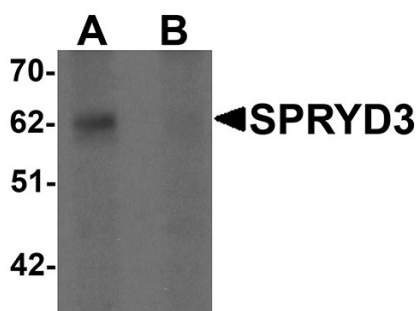
Background

SPRYD3 Antibody: 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.

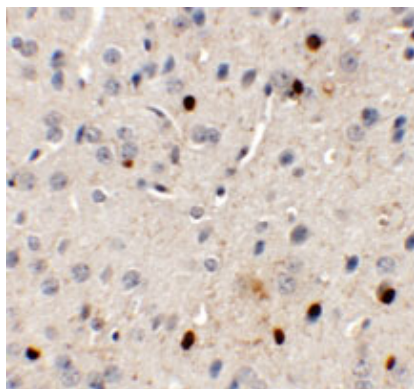
References

Tae H, Casarotto MG, and Dulhunty AF. Ubiquitous SPRY domains and their role in the skeletal type ryanodine receptor. *Eur. Biophys. J.* 2009; 39:51-9.

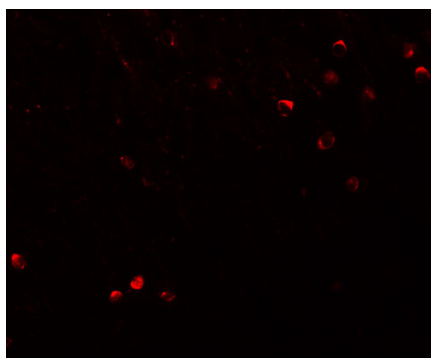
Images



Western blot analysis of SPRYD3 in human brain tissue lysate with SPRYD3 antibody at 1 $\mu\text{g/mL}$ in (A) the absence and (B) the presence of blocking peptide



Immunohistochemistry of SPRYD3 in mouse brain tissue with SPRYD3 antibody at 5 $\mu\text{g/mL}$.



Immunofluorescence of SPRYD3 in mouse brain tissue with SPRYD3 antibody at 20 $\mu\text{g/mL}$.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.