10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SPRYD5 Antibody

Catalog # ASC11350

Product Information

Application	WB, IF, E, IHC-P
Primary Accession	Q9BSJ1
Other Accession	NP_116070, 209862805
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	52285
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	SPRYD5 antibody can be used for detection of SPRYD5 by Western blot at 0.25 - 0.5 g/mL. Antibody can also be used for immunohistochemistry starting at 5 g/mL. For immunofluorescence start at 20 g/mL.

Additional Information

Gene ID	84767
Other Names	Tripartite motif-containing protein 51, SPRY domain-containing protein 5, TRIM51, SPRYD5
Target/Specificity	SPRYD5; 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
Reconstitution & Storage	SPRYD5 antibody can be stored at 4℃ for three months and -20℃, 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	SPRYD5 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TRIM51
Synonyms	SPRYD5

Background

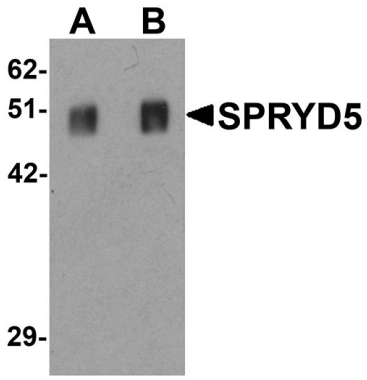
SPRYD5 Antibody: The SPRY domain-containing protein 5 (SPRYD5) is a member of a family of proteins

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.

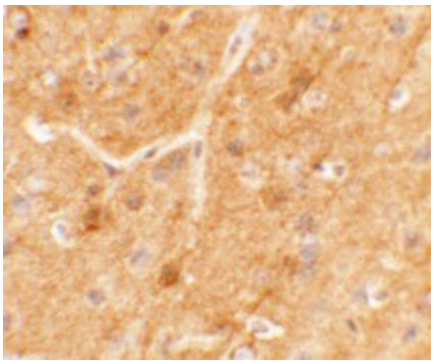
References

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.

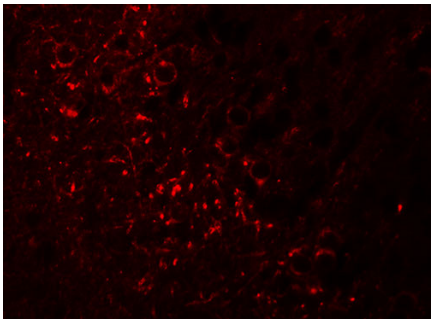
Images



Western blot analysis of SPRYD5 in rat brain tissue lysate with SPRYD5 antibody at (A) 0.25 and (B) 0.5 µg/mL .



Immunohistochemistry of SPRYD5 in mouse brain tissue with SPRYD5 antibody at 5 µg/mL.



Immunofluorescence of SPRYD5 in mouse brain tissue with SPRYD5 antibody at 20 µg/mL.

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