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Anti-SPRYD5 TRIM51 Antibody

Catalog Number: A15117

About TRIM51

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.

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Overview

Product Name	Anti-SPRYD5 TRIM51 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-SPRYD5 TRIM51 Antibody (Catalog # A15117). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	SPRYD5 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	SPRYD5 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9BSJ1

Technical Details

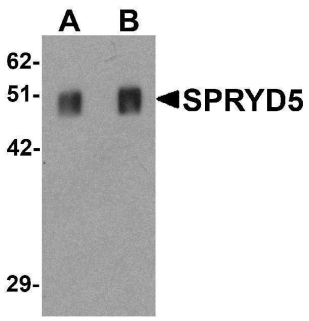
Immunogen	SPRYD5 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human SPRYD5. The immunogen is located within amino acids 350 - 400 of SPRYD5.
Predicted Reactive Species	Bovine
Cross Reactivity	SPRYD5 antibody is predicted to not cross-react with other SPRYD protein family members. At

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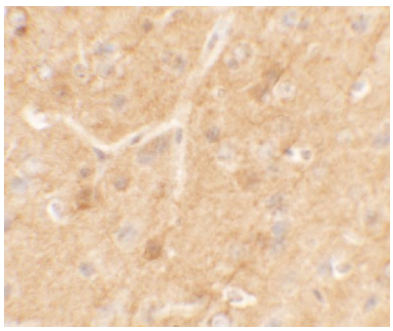
	least two isoforms of SPRYD5 are known to exist; this antibody will detect both isoforms
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	SPRYD5 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	SPRYD5 antibody can be used for detection of SPRYD5 by Western blot at 0.25 - 0.5 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in rat samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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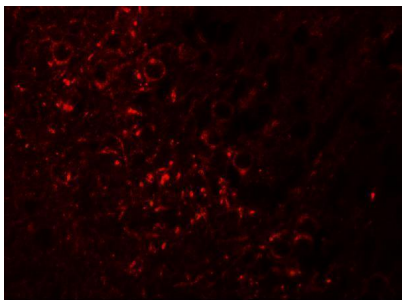
Anti-SPRYD5 TRIM51 Antibody (A15117) Images



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



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



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

Anti-SPRYD5 TRIM51 Antibody

For Research Use Only. Not for use in diagnostic procedures.