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SPRYD5 Antibody
Catalog # ASC11350

Specification

SPRYD5 Antibody - Product Information

Application	**WB, IHC, IF**
Primary Accession	Q9BSJ1
Other Accession	NP_116070, 209862805
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Application Notes	**SPRYD5 antibody can be used for detection of SPRYD5 by Western blot at 0.25 - 0.5 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.**

SPRYD5 Antibody - Additional Information

Gene ID **84767**

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.

SPRYD5 Antibody - Protein Information

Name TRIM51

Synonyms SPRYD5

SPRYD5 Antibody - Protocols

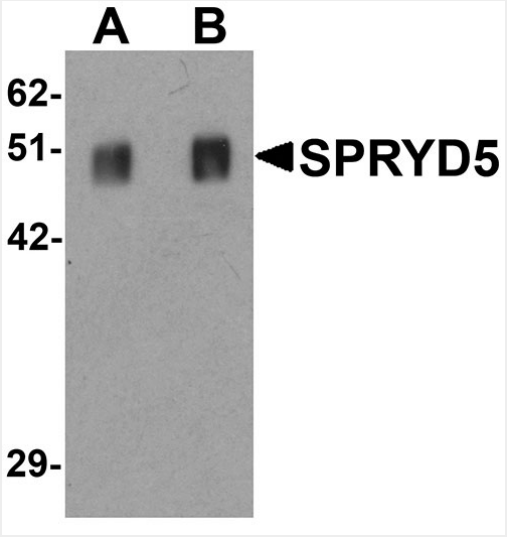
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

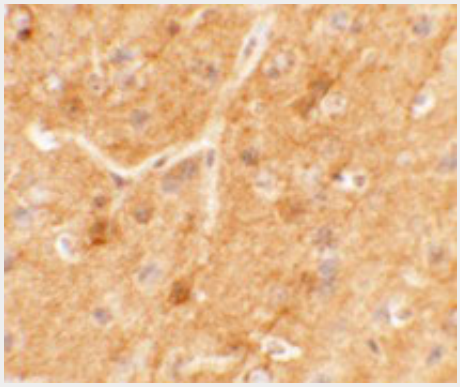
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- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

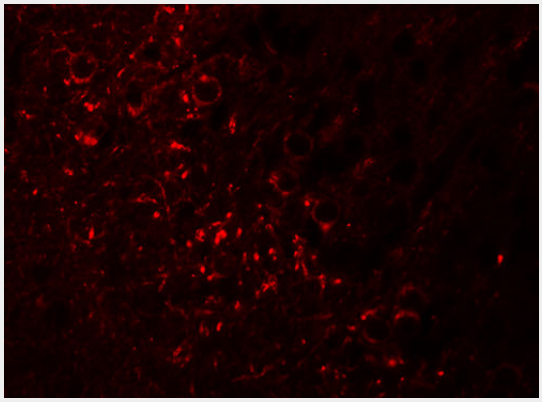
SPRYD5 Antibody - Images



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.



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

SPRYD5 Antibody - 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.

SPRYD5 Antibody - 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.