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# SPRYD5 Antibody

Catalog # ASC11350

## Product Information

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| **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

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| **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

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| **Name** | TRIM51 |
| **Synonyms** | SPRYD5 |

## Background

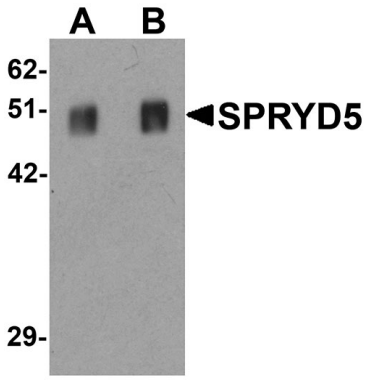
SPRYD5 Antibody: The SPRY domain-containing protein 5 (SPRYD5) is a member of a family of proteins

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.

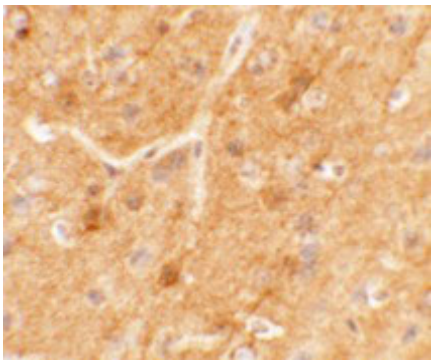
## References

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.

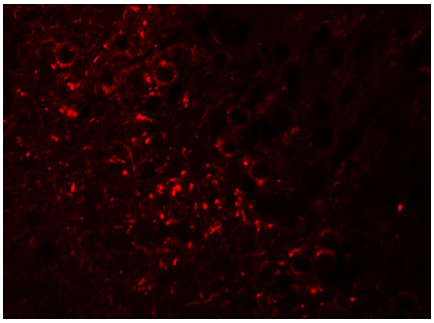
## Images




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.

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