

Rabbit SPRYD4 Polyclonal Antibody | anti-SPRYD4 antibody

SPRYD4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40195	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

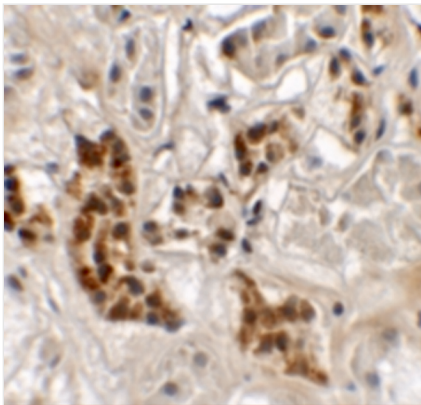
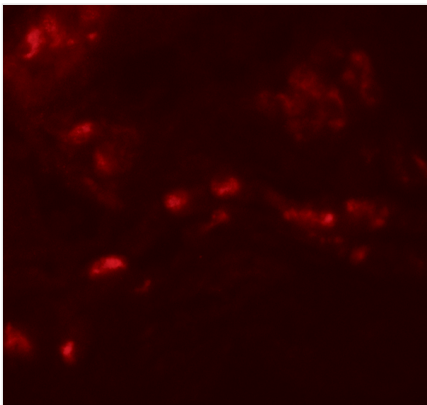
PRODUCT SYNONYMS

SPRYD4; Polyclonal Antibody; SPRYD4 Antibody; SPRY domain-containing protein 4; SPRY domain containing 4; anti-SPRYD4 antibody

PRODUCT SPECIFICATIONS

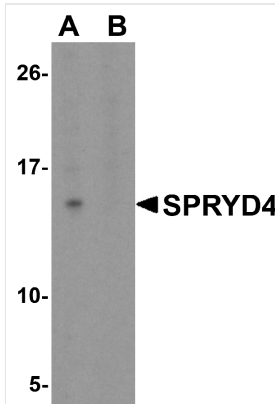
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SPRYD4 antibody is predicted to not cross-react with other SPRYD protein family members. At least two isoforms of SPRYD4 are known to exist; this antibody will detect both isoforms.
Purity/Purification	SPRYD4 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	207
Applicable Applications for anti-SPRYD4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SPRYD4 antibody was raised against an 18 amino acid synthetic peptide near the center of human SPRYD4.
Buffer	SPRYD4 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SPRYD4 antibody can be stored at 4 degree C for three months and -20 degree 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.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of SPRYD4 in human kidney tissue with SPRYD4 antibody at 20 μ g/mL.

IHC (Immunohistochemistry)
Immunohistochemistry of SPRYD4 in human kidney tissue with SPRYD4 antibody at 2.5 μ g/mL.



WB (Western Blot)
Western blot analysis of SPRYD4 in fetal human liver tissue lysate with SPRYD4 antibody at 1 μ g/mL in (A) the absence and (B) the presence of blocking peptide

ADDITIONAL INFORMATION

Related Product Information for anti-SPRYD4 antibody

SPRYD4 Antibody: The SPRY domain-containing protein 4 (SPRYD4) 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. SPRYD4 is ubiquitously expressed and is most abundant in kidney, brain, bladder, thymus and stomach. Little is known of the function of the SPRYD4 protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	46409324
NCBI GeneID	283377
NCBI Accession #	NP_997227
NCBI GenBank Nucleotide #	NM_207344.3
UniProt Accession #	Q8WW59; A8K7A5
Molecular Weight	23,129 Da
NCBI Official Full Name	SPRY domain-containing protein 4
NCBI Official Synonym Full Names	SPRY domain containing 4

NCBI Official Symbol	SPRYD4
NCBI Protein Information	SPRY domain-containing protein 4
UniProt Protein Name	SPRY domain-containing protein 4
UniProt Gene Name	SPRYD4
UniProt Entry Name	SPRY4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/spryd4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40195>