

Datasheet for ABIN6991556
anti-SPRYD4 antibody (AA 70-120)



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Overview

Quantity:	0.1 mg
Target:	SPRYD4
Binding Specificity:	AA 70-120
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPRYD4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	SPRYD4 antibody was raised against an 18 amino acid synthetic peptide near the center of human SPRYD4. The immunogen is located within amino acids 70 - 120 of SPRYD4.
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.
Purification:	SPRYD4 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SPRYD4
Alternative Name:	SPRYD4 (SPRYD4 Products)

Target Details

Background:	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.
Gene ID:	283377
NCBI Accession:	NP_997227
UniProt:	Q8WW59

Application Details

Application Notes:	SPRYD4 antibody can be used for detection of SPRYD4 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	SPRYD4 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	SPRYD4 antibody can be stored at 4°C for three months and -20°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.