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

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.