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Datasheet for ABIN783530
anti-SPRYD4 antibody (Center)

1 Image

Overview

Quantity:	0.1 mg
Target:	SPRYD4
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPRYD4 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	18 amino acid peptide near the center of human SPRYD4
Specificity:	This antibody detects SPRYD4 at Center. 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.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	SPRYD4
Alternative Name:	SPRYD4 (SPRYD4 Products)

Target Details

Background: 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. Synonyms: SPRY domain-containing protein 4

Gene ID: 283377

NCBI Accession: [NP_997227](#)

UniProt: [Q8WW59](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

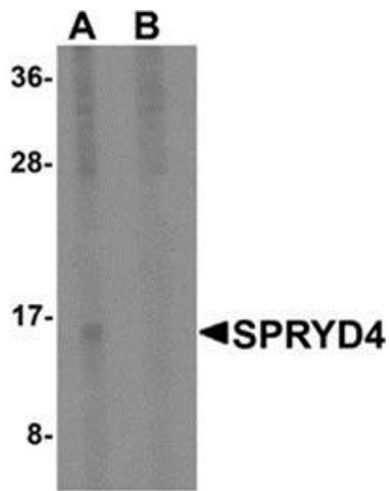
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of SPRYD4 in mouse kidney tissue lysate with SPRYD4 antibody at 1 μ g/ml in (A) the absence and (B) the presence of blocking peptide.