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Datasheet for ABIN6990998 anti-SPRED3 antibody (AA 140-190)

Overview

Quantity:	0.1 mg
Target:	SPRED3
Binding Specificity:	AA 140-190
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPRED3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Spred3 antibody was raised against a 16 amino acid synthetic peptide near the center of the human Spred3. The immunogen is located within amino acids 140 - 190 of Spred3.
Isotype:	IgG
Specificity:	This Spred3 antibody is predicted to have no cross-reactivity to Spred1 or Spred2.
Purification:	Spred3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SPRED3
Alternative Name:	Spred3 (SPRED3 Products)

Target Details

Background: Spred3 Antibody: Spred3 is a member of the Sprouty family, a group of proteins that act as negative regulators during development. Like Spred1 and Spred2, Spred3 contains an EVH1 domain in its amino terminus and a Sprouty-related cysteine-rich (SPR) domain in its C-terminus, but does not possess a functional c-kit binding domain (KBD). The Spred proteins have also been implicated in the negative feedback regulation of FGF signaling in embryogenesis and angiogenesis. Although Spred3 was initially reported to be expressed in brain, at least one report also indicates that Spred3 can be found in liver. At least two isoforms of Spred3 are known to exist.

Molecular Weight: Predicted: 45 kDa

Observed: 45 kDa

Gene ID: 399473

NCBI Accession: [NP_001035987](#)

UniProt: [Q2MJR0](#)

Application Details

Application Notes: Spred3 antibody can be used for detection of Spred3 by Western blot at 2 - 4 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 mouse 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: Spred3 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.

Handling

Storage: -20 °C, 4 °C

Storage Comment: Spred3 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.