

Rabbit Spred1 Polyclonal Antibody | anti-Spred1 antibody

Spred1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA308182	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

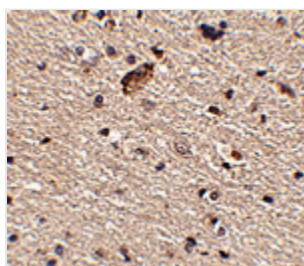
PRODUCT SYNONYMS

Spred1; Polyclonal Antibody; Spred1 Antibody; Sprouty-related EVH1 domain-containing protein 1; NFLS; anti-Spred1 antibody

PRODUCT SPECIFICATIONS

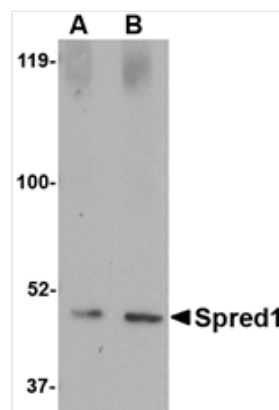
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	This Spred1 antibody is predicted to have no cross-reactivity to Spred2 or Spred3.
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	444
Applicable Applications for anti-Spred1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide near the center of the human Spred1.
Target Name	Spred1
Preparation and Storage	Can be stored at -20 degree C, stable for 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



IHC (Immunohistochemistry)

Immunohistochemistry of Spred1 in human brain tissue with Spred1 antibody at 2.5 ug/mL.



WB (Western Blot)

Western blot analysis of Spred1 in human brain tissue lysate with Spred1 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-Spred1 antibody	The Ras-MAP kinase pathway is essential for the differentiation of neuronal cells and myocytes; it is inhibited by Spred1, a member of the Sprouty family of proteins. Spred1 acts by suppressing the phosphorylation and activation of Raf. The Spred proteins have also been implicated in the negative feedback regulation of FGF signaling in embryogenesis and angiogenesis. Further studies have shown that expression levels of Spred1 and Spred2 proteins are inversely correlated with the incidence of tumor invasion and metastasis in human hepatocellular carcinoma (HHC), suggesting that these proteins could be useful as prognostic factors and therapeutic targets in HCC. Defects in this gene are a cause of neurofibromatosis type 1-like syndrome (NFLS).
Product Categories/Family for anti-Spred1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	22749221
NCBI GeneID	161742
NCBI Accession #	NP_689807
NCBI GenBank Nucleotide #	NM_152594.2
Molecular Weight	50,477 Da
NCBI Official Full Name	sprouty-related, EVH1 domain-containing protein 1
NCBI Official Synonym Full Names	sprouty-related, EVH1 domain containing 1
NCBI Official Symbol	SPRED1
NCBI Official Synonym Symbols	NFLS; hSpred1; spread-1; PPP1R147
NCBI Protein Information	sprouty-related, EVH1 domain-containing protein 1
UniProt Protein Name	Sprouty-related, EVH1 domain-containing protein 1
UniProt Gene Name	SPRED1
UniProt Synonym Gene Names	Spred-1; hSpred1
UniProt Entry Name	SPRE1_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/spred1-antibody-immunohistochemistry-western-blot-elisa/308182>