

Rabbit anti-Human Spred2 Polyclonal Antibody | anti-SPRED2 antibody

Spred2 Antibody

CATALOG # AAA39435	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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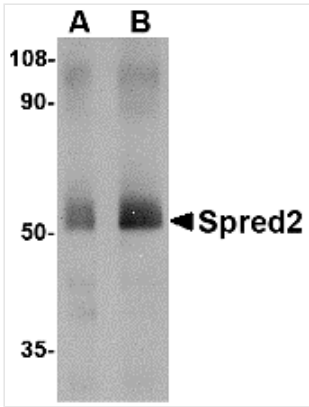
PRODUCT SYNONYMS

Spred2; Polyclonal Antibody; Spred2 Antibody; Spred-2; Sprouty-related; EVH1 domain-containing protein 2; sprouty-related; EVH1 domain containing 2; anti-SPRED2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	This Spred2 antibody is predicted to have no cross-reactivity to Spred1 or Spred3.
Purity/Purification	Spred2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	418
Applicable Applications for anti-SPRED2 antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Spred2 antibody was raised against a 13 amino acid synthetic peptide near the center of the human Spred2.
Buffer	Spred2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Spred2 antibody can be stored at 4 degree C for three months and -20 degree 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.

IMAGES



WB (Western Blot)
Western blot analysis of Spred2 in human small intestine tissue lysate with Spred2 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SPRED2 antibody	Spred2 Antibody: Spred2 is a member of the Sprouty family, a group of proteins that act as negative regulators during development. Like Spred1, Spred2 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. At least two isoforms of Spred2 are known to exist.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189571669
NCBI GeneID	200734
NCBI Accession #	NP_861449
NCBI GenBank Nucleotide #	NM_181784.2
UniProt Accession #	Q7Z698; Q2NKX6; A1L3V4; B7Z5K7; D6W5F7; E9PEP0
Molecular Weight	47,033 Da
NCBI Official Full Name	sprouty-related, EVH1 domain-containing protein 2 isoform a
NCBI Official Synonym Full Names	sprouty-related, EVH1 domain containing 2
NCBI Official Symbol	SPRED2
NCBI Official Synonym Symbols	Spred-2
NCBI Protein Information	sprouty-related, EVH1 domain-containing protein 2; sprouty protein with EVH-1 domain 2, related sequence
UniProt Protein Name	Sprouty-related, EVH1 domain-containing protein 2
UniProt Gene Name	SPRED2
UniProt Synonym Gene Names	Spred-2
UniProt Entry Name	SPRE2_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.

