

## Spred2 Antibody

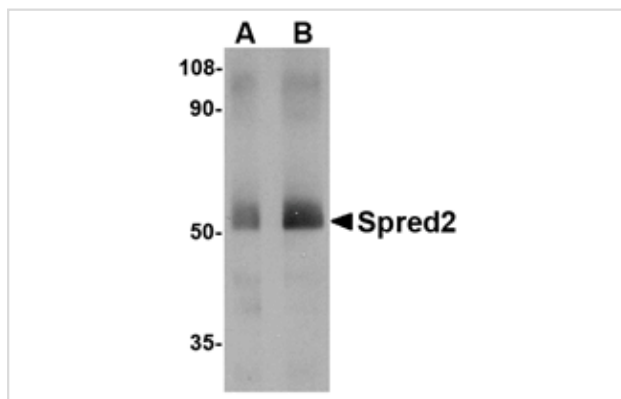
Catalog No: #24774

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

|                       |   |
|-----------------------|---|
| Product Name          | Spred2 Antibody   |
| Host Species          | Rabbit  |
| Clonality             | Polyclonal  |
| Purification          | Affinity chromatography purified via peptide column   |
| Applications          | ELISA WB  |
| Species Reactivity    | Hu  |
| Specificity           | This Spred2 antibody is predicted to have no cross-reactivity to Spred1 or Spred3.  |
| Immunogen Type        | Peptide   |
| Immunogen Description | Raised against a 13 amino acid peptide near the center of the human Spred2.   |
| Target Name           | Spred2  |
| Other Names           | Sprouty-related EVH1 domain-containing protein 2  |
| Accession No.         | NP_861449   |
| Concentration         | 1mg/ml  |
| Formulation           | Supplied in PBS containing 0.02% sodium azide.  |
| Storage               | Can be stored at -20°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



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

## Background

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 (HCC), 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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Note: This product is for in vitro research use only and is not intended for use in humans or animals.