

Datasheet for ABIN500802
anti-SPRED3 antibody (Center)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	SPRED3
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPRED3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Spred3 antibody was raised against a 16 amino acid peptide near the center of the human Spred3.
Isotype:	IgG
Specificity:	This antibody detects Spred3 at center. It is predicted to have no cross-reactivity to Spred1 or Spred2.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Peptide affinity chromatography

Target Details

Target:	SPRED3
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Target Details

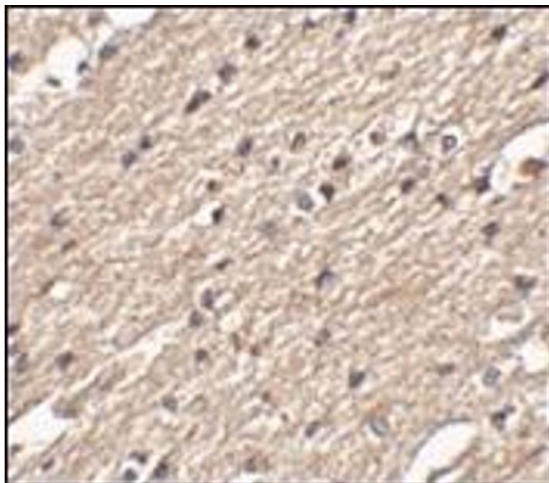
Alternative Name:	Spred3 (SPRED3 Products)
Background:	<p>Spred3 is a member of the Sprouty family, a group of proteins that act as negative regulators during development. Like Spred1 and Spred2, Spred3 contains an EVH1 domain in its amino terminus and a Sprouty-related cysteine-rich (SPR) domain in 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. Synonyms: EVE-3, Sprouty-related EVH1 domain-containing protein 3</p>
Gene ID:	399473
NCBI Accession:	NP_001035987

Application Details

Application Notes:	<p>ELISA. Western blot: 2 - 4 µg/mL. Immunohistochemistry on paraffin sections.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

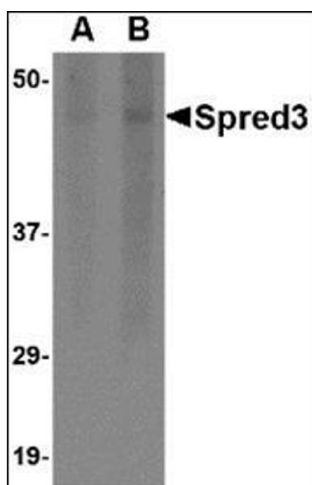
Handling

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 one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of Spred3 in human brain tissue with this product at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of Spred3 in human brain tissue lysate with this product at (A) 2 and (B) 4 µg/ml.