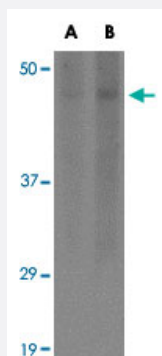


# SPRED3 polyclonal antibody

Catalog # PAB16561

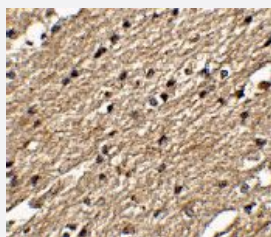
Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western blot analysis of SPRED3 in human brain tissue lysate with SPRED3 polyclonal antibody (Cat # PAB16561) at (A) 2 and (B) 4 ug/mL .



### Immunohistochemistry

Immunohistochemistry of SPRED3 in human brain tissue with SPRED3 polyclonal antibody (Cat # PAB16561) at 2.5 ug/mL .

## Specification

### Product Description

Rabbit polyclonal antibody raised against synthetic peptide of SPRED3.

### Immunogen

A synthetic peptide corresponding to internal region 16 amino acids of human SPRED3.

### Host

Rabbit

### Reactivity

Human

### Form

Liquid

### Recommend Usage

Western Blot (2-4 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

Western blot analysis of SPRED3 in human brain tissue lysate with SPRED3 polyclonal antibody (Cat # PAB16561) at (A) 2 and (B) 4 ug/mL .

- Immunohistochemistry

Immunohistochemistry of SPRED3 in human brain tissue with SPRED3 polyclonal antibody (Cat # PAB16561) at 2.5 ug/mL .

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — SPRED3

Entrez GeneID	<a href="#">399473</a>
Protein Accession#	<a href="#">NP_001035987</a>
Gene Name	SPRED3
Gene Alias	Eve-3
Gene Description	sprouty-related, EVH1 domain containing 3
Omim ID	<a href="#">609293</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	SPRED3 is a member of the Sprouty (see SPRY1; MIM 602465)/SPRED family of proteins that regulate growth factor-induced activation of the MAP kinase cascade (see MAPK1; MIM 176948) (Nonami et al., 2004 [PubMed 15465815]).[supplied by OMIM]
Other Designations	-

## Publication Reference

- [Molecular cloning of mammalian Spred-3 which suppresses tyrosine kinase-mediated Erk activation.](#)

Kato R, Nonami A, Taketomi T, Wakioka T, Kuroiwa A, Matsuda Y, Yoshimura A.

Biochemical and Biophysical Research Communications 2003 Mar; 302(4):767.

- [Inhibition of angiogenesis by a mouse sprouty protein.](#)

Lee SH, Schloss DJ, Jarvis L, Krasnow MA, Swain JL.

The Journal of Biological Chemistry 2001 Feb; 276(6):4128.

- [Vertebrate Sprouty genes are induced by FGF signaling and can cause chondrodysplasia when overexpressed.](#)

Minowada G, Jarvis LA, Chi CL, Neubuser A, Sun X, Hacohen N, Krasnow MA, Martin GR.

Development 1999 Oct; 126(20):4465.

## Disease

- [Neurofibromatosis](#)
- [Neurofibromatosis 1](#)
- [Syndrome](#)