# SPRED1 Rabbit pAb

**Catalog NO.: A14970**

## Basic Information

### Observed MW
50kDa

### Calculated MW
50kDa

### Category
Polyclonal Antibodies

### Applications
WB, ELISA

### Cross-Reactivity
Mouse

### Conjugation
Unconjugated

## Background

The protein encoded by this gene is a member of the Sprouty family of proteins and is phosphorylated by tyrosine kinase in response to several growth factors. The encoded protein can act as a homodimer or as a heterodimer with SPRED2 to regulate activation of the MAP kinase cascade. Defects in this gene are a cause of neurofibromatosis type 1-like syndrome (NFLS).

## Recommended Dilutions

**WB** 1:500 - 1:2000

### ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID
161742

### Swiss Prot
Q7Z699

### Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

### Synonyms
LGSS; NFLS; hSpred1; spred-1; PPP1R147; SPRED1

## Contact

## Product Information

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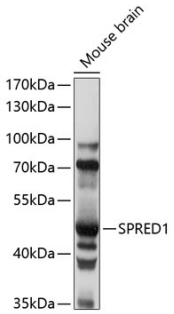
**Source**
Rabbit

**Isotype**
IgG

**Purification**
Affinity purification

**Storage**
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

## Validation Data




Western blot analysis of lysates from mouse brain, using SPRED1 Rabbit pAb (A14970) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.

For research use only. Not for therapeutic or diagnostic purposes.

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