

**SPRY1 Antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI13185****Specification**

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**SPRY1 Antibody - N-terminal region - Product Information**

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| Application       | WB                                                             |
| Primary Accession | <a href="#">O43609</a>                                         |
| Other Accession   | <a href="#">NM_005841</a> , <a href="#">NP_005832</a>          |
| Reactivity        | Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog |
| Predicted Host    | Human, Mouse, Rat, Chicken, Bovine, Dog                        |
| Clonality         | Rabbit                                                         |
| Calculated MW     | Polyclonal<br>35kDa KDa                                        |

**SPRY1 Antibody - N-terminal region - Additional Information****Gene ID** 10252

|                                          |        |
|------------------------------------------|--------|
| Alias Symbol                             | hSPRY1 |
| <b>Other Names</b>                       |        |
| Protein sprouty homolog 1, Spry-1, SPRY1 |        |

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-SPRY1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

SPRY1 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**SPRY1 Antibody - N-terminal region - Protein Information****Name** SPRY1**Function**

Inhibits fibroblast growth factor (FGF)-induced retinal lens fiber differentiation, probably by inhibiting FGF-mediated phosphorylation of ERK1/2 (By similarity). Inhibits TGFB-induced epithelial-to-mesenchymal transition in lens epithelial cells (By similarity).

**Cellular Location**

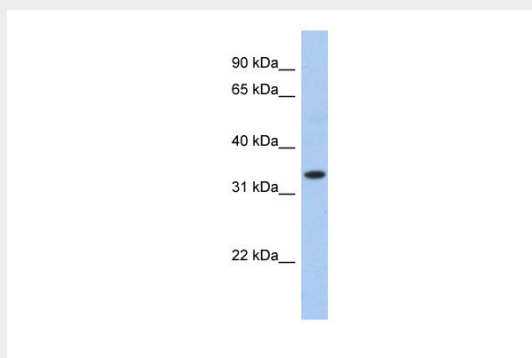
Cytoplasm. Membrane; Peripheral membrane protein. Note=Found in the cytoplasm in unstimulated cells but is translocated to the membrane ruffles in cells stimulated with EGF (epidermal growth factor)

## **SPRY1 Antibody - N-terminal region - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **SPRY1 Antibody - N-terminal region - Images**



WB Suggested Anti-SPRY1 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:1562500

Positive Control: 293T cell lysate

## **SPRY1 Antibody - N-terminal region - References**

- Wang L., et al. Int. J. Mol. Med. 12:783-787(2003).  
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.  
Raya A., et al. Submitted (APR-2004) to the EMBL/GenBank/DDBJ databases.  
Hacohen N., et al. Cell 92:253-263(1998).  
Bienvenut W.V., et al. Mol. Cell. Proteomics 11:M111.015131-M111.015131(2012).