

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

SPRY1 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O43609
Other Accession	NM_005841 , NP_005832
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Rat, Chicken, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 35kDa KDa

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

Alias Symbol	hSPRY1
Other Names	
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

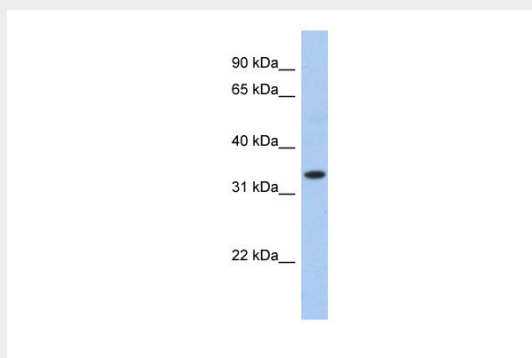
Cytoplasm. Membrane; Peripheral membrane protein. Note=Found in the cytoplasm in unstimulated cells but is translocated to the membrane ruffles in cells stimulated with EGF (epidermal growth factor)

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).