10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SPRY1 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI13185

Product Information

Application	WB
Primary Accession	O43609
Other Accession	NM_005841, NP_005832
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35122

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.

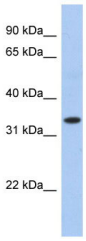
Protein Information

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)

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).

Images



WB Suggested Anti-SPRY1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: 293T cell lysate