

Sprouty 2 Antibody
Rabbit mAb
Catalog # AP91890**Specification**

Sprouty 2 Antibody - Product Information

Application	WB, IHC, ICC, IP
Primary Accession	O43597
Reactivity	Rat
Clonality	Monoclonal
Other Names	
hSPRY2; Sprouty2; SPRY2;	

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	34688 Da

Sprouty 2 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Sprouty 2
Description	May function as an antagonist of fibroblast growth factor (FGF) pathways and may negatively modulate respiratory organogenesis.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Sprouty 2 Antibody - Protein Information**Name** SPRY2**Function**

Antagonist of fibroblast growth factor (FGF) pathways via inhibition of FGF-mediated phosphorylation of ERK1/2 (By similarity). Thereby acts as an antagonist of FGF-induced retinal lens fiber differentiation, may inhibit limb bud outgrowth and may negatively modulate respiratory organogenesis (By similarity). Inhibits TGFB- induced epithelial-to-mesenchymal transition in retinal lens epithelial cells (By similarity). Inhibits CBL/C-BL-mediated EGFR ubiquitination (PubMed:17974561).

Cellular Location

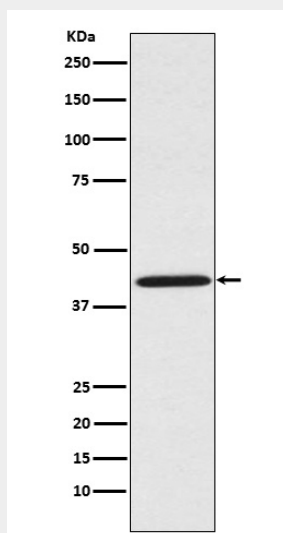
Cytoplasm, cytoskeleton. Cell projection, ruffle membrane. Note=Associated with microtubules in unstimulated cells but is translocated to the membrane ruffles in cells stimulated with EGF (epidermal growth factor)

Sprouty 2 Antibody - 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](#)

Sprouty 2 Antibody - Images



Western blot analysis of Sprouty 2 expression in HeLa cell lysate.