

Sprouty 2 Antibody

Rabbit mAb Catalog # AP91890

Specification

Sprouty 2 Antibody - Product Information

Application WB, IHC, ICC, IP

Primary Accession
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

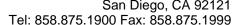
Name SPRY2

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-CBL-mediated EGFR ubiquitination (PubMed:http://www.uniprot.org/citations/17974561 blank">17974561>).

Cellular Location







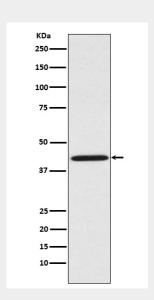
Cytoplasm, cytoskeleton. Cell projection, ruffle membrane. Note=Associated with microtubules in unstimulated cells but is translocated to the membrane ruffles in cells stimulated with EGF (epidermal growth factor)

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
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Sprouty 2 Antibody - Images



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