

Anti-Sprouty 2 SPRY2 Monoclonal Antibody

Catalog # ABO14694

Product Information

Application	WB, IHC, IF, ICC, IP
Primary Accession	O43597
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-Sprouty 2 SPRY2 Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Rat.

Additional Information

Gene ID	10253
Other Names	Protein sprouty homolog 2, Spry-2, SPRY2
Calculated MW	34688
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names Immunogen	Clone: AFOH-19 A synthesized peptide derived from human Sprouty 2 May function as an antagonist of fibroblast growth factor (FGF) pathways and may negatively modulate respiratory organogenesis.
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

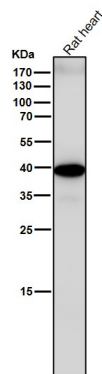
Name	SPRY2
Function	Antagonist of fibroblast growth factor (FGF) pathways via inhibition of

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:[17974561](https://pubmed.ncbi.nlm.nih.gov/17974561/)).

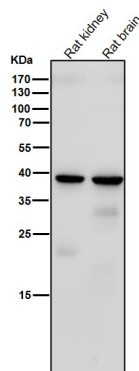
Cellular Location

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)

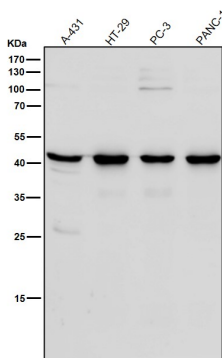
Images



All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.

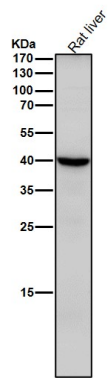


All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.

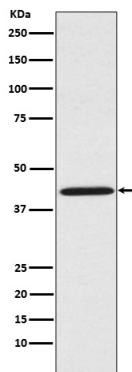


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Western blot analysis of Sprouty 2 expression in HeLa cell lysate.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.