

AP46078PU-N**Polyclonal Antibody to Sprouty homolog 3 / SPRY3 (N-term) - Aff - Purified****Alternate names:** Sprouty 3, Spry-3**Quantity:** 50 µg**Background:** SPRY3 contains 1 B30.2/SPRY domain. Sprouty/Caveolin-1 interaction modulates signaling in a growth factor- and Sprouty isoform-specific manner. Spry 1, 2 and 3 expression was observed in placental tissue from all three trimesters. The exact function of SPRY3 remains unknown.**Uniprot ID:** [O43610](#)**NCBI:** [NM_005840](#)**GeneID:** [10251](#)**Host:** Rabbit**Immunogen:** Synthetic peptide directed towards the N-terminal of human SPRY3**AA Sequence:**

QLQLPLQHLSQSSIASMSHSTTASDQRLASITPSGQSIIRTQPGAG

Format: **State:** Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.**Purification:** Immunoaffinity column**Applications:** Western blotting (0.2 - 1 µg/ml).
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.**Molecular Weight:** SPRY3: 31 kDa**Species Reactivity:** **Tested:** Human.**Storage:** Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.**General Readings:** "Sprouty encodes a novel antagonist of FGF signaling that patterns apical branching of the Drosophila airways." Hacohen N., Kramer S., Sutherland D., Hiromi Y., Krasnow M.A. Cell 92:253-263(1998) [PubMed: 9458049]

Pictures:

WB Suggested Anti-SPRY3 Antibody
Titration: 0.2-1 ug/ml; Positive Control:
721_B cell lysate

90 kDa__
65 kDa__
40 kDa__
31 kDa__
22 kDa__

