

NOTCH2NL (h3): 293T Lysate: sc-113969

BACKGROUND

The notch signaling pathway controls cellular interactions important for the specification of a variety of fates in both invertebrates and vertebrates. NOTCH2NL (notch homolog 2 N-terminal-like), also known as N2N, is a 236 amino acid protein that has a nonspecific function in notch signaling. The notch genes are expressed in a variety of tissues in both the embryonic and adult organism, suggesting that the genes are involved in multiple signaling pathways. The notch proteins have been found to be overexpressed or rearranged in human tumors. In addition, mutations in notch genes may cause hyperplasia of the nervous system.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: NOTCH2NL (human) mapping to 1q21.1.

PRODUCT

NOTCH2NL (h3): 293T Lysate represents a lysate of human NOTCH2NL transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

NOTCH2NL (h3): 293T Lysate is suitable as a Western Blotting positive control for human reactive NOTCH2NL antibodies. Recommended use: 10-20 µl per lane.

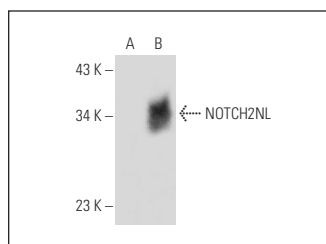
Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

NOTCH2NL (39-Y): sc-100307 is recommended as a positive control antibody for Western Blot analysis of enhanced human NOTCH2NL expression in NOTCH2NL transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

RECOMMENDED SUPPORT REAGENTS

To ensure optimal results, the following support reagents are recommended:
1) Western Blotting: use m-IgGκ BP-HRP: sc-516102 or m-IgGκ BP-HRP (Cruz Marker): sc-516102-CM (dilution range: 1:1000-1:10000), Cruz Marker™ Molecular Weight Standards: sc-2035, UltraCruz® Blocking Reagent: sc-516214 and Western Blotting Luminol Reagent: sc-2048.

DATA



NOTCH2NL (39-Y): sc-100307. Western blot analysis of NOTCH2NL expression in non-transfected: sc-117752 (A) and human NOTCH2NL transfected: sc-113969 (B) 293T whole cell lysates.

STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.