

Nrarp (m): 293T Lysate: sc-127241

BACKGROUND

Nrarp (NOTCH-regulated ankyrin repeat protein) is a 114 amino acid protein that contains two ANK repeats and is thought to play a role in the formation of somites. The gene encoding Nrarp maps to human chromosome 9, which contains 145 million base pairs and comprises 4% of the human genome, encoding nearly 900 genes. Hereditary hemorrhagic telangiectasia and Familial dysautonomia are both associated with chromosome 9. Notably, chromosome 9 encompasses the largest interferon family gene cluster. Chromosome 9 is partnered with chromosome 22 in translocations that lead to the aberrant production of a Bcr-Abl fusion protein often found in leukemias.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: Nrarp (mouse) mapping to 2 A3.

PRODUCT

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

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.

PROTOCOLS

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

APPLICATIONS

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

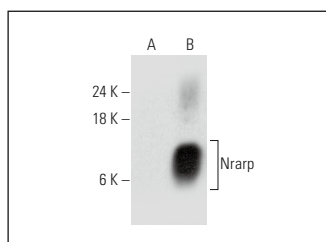
Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

Nrarp (C-12): sc-515015 is recommended as a positive control antibody for Western Blot analysis of enhanced mouse Nrarp expression in Nrarp 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



Nrarp (C-12): sc-515015. Western blot analysis of Nrarp expression in non-transfected: sc-117752 (A) and mouse Nrarp transfected: sc-127241 (B) 293T whole cell lysates.

RESEARCH USE

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