SANTA CRUZ BIOTECHNOLOGY, INC.

Ninjurin-2 (h2): 293T Lysate: sc-176581

SANTA CRUZ BIOTECHNOLOGY

The Power to Question

BACKGROUND

Ninjurin family proteins are muli-pass membrane proteins induced by nerve injury in Schwann cells and dorsal root ganglion neurons. Nunjurin proteins act as homophilic cell adhesion molecules that promote axonal growth. Ninjurin proteins also play a role in the formation and function of other tissues. Ninjurin-1 is widely expressed in adult and embryonic tissues, particularly those with epithelial origin. Ninjurin-2 is also widely expressed, with highest levels in adult bone marrow and peripheral blood lymphocytes and embryo liver, thymus and heart. The genes that encode the Ninjurin proteins map to a region known to cause several genetic disorders, including hereditary sensory neuropathy type I and type II (HSN1 and HSN2). However, no link between mutations in the genes encoding Ninjurins and the diseases have been found.

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CHROMOSOMAL LOCATION

Genetic locus: NINJ2 (human) mapping to 12p13.33.

PRODUCT

Ninjurin-2 (h2): 293T Lysate represents a lysate of human Ninjurin-2 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

Ninjurin-2 (h2): 293T Lysate is suitable as a Western Blotting positive control for human reactive Ninjurin-2 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.

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.