



α -taxilin (h): 293T Lysate: sc-127875

BACKGROUND

α -taxilin is a novel binding partner of the syntaxin family which is implicated in intracellular vesicle trafficking. Through its C-terminal coiled-coil region, α -taxilin interacts with the nascent polypeptide-associated complex (NAC), which acts as a transcriptional co-activator. Although α -taxilin binds to both the α and β NAC subunits, the main interaction is through α NAC. Coexpression of α -taxilin with overexpressed α NAC eliminates the nuclear distribution of α NAC, originally distributed throughout the cytosol and nucleus. β - and γ -taxilins, additional members of the taxilin family, bind to α NAC and affect its nuclear distribution, suggesting that the taxilin family is involved not only in the translational process through its interaction with NAC but also in the transcriptional process through its interaction with α NAC alone.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: TXLNA (human) mapping to 1p35.1.

PRODUCT

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

APPLICATIONS

α -taxilin (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive α -taxilin 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.