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TFIP11 (h4): 293T Lysate: sc-174226

BACKGROUND

TFIP11 (tuftelin-interacting protein 11), also known as NTR1, TIP39, STIP or hNtr1, is an 837 amino acid protein that belongs to the TFP11/STIP family. TFIP11 localizes to the nucleus as well as the cytoplasm and contains one G-patch domain, which is suggested to be a highly conserved domain of many RNA-processing proteins. Considered a novel splicing factor, TFIP11 may be involved in spliceosome disassembly and may act as a subnuclear storage compartment for splicing components. As a possible enamel protein, TFIP11 is thought to play a role in the differentiation of ameloblasts and odontoblasts or in the formation of the enamel extracellular matrix. Two isoforms of TFIP11 exist due to alternative splicing events.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: TFIP11 (human) mapping to 22q12.1.

RESEARCH USE

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

PRODUCT

TFIP11 (h4): 293T Lysate represents a lysate of human TFIP11 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

TFIP11 (h4): 293T Lysate is suitable as a Western Blotting positive control for human reactive TFIP11 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.

PROTOCOLS

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