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TATDN2 (m): 293T Lysate: sc-179582

BACKGROUND

TATDN2 (tatD DNase domain containing 2), whose alternative names include KIAA0218, putative deoxyribonuclease TATDN2, MGC126819 or MGC126825, is a 761 amino acid protein belonging to the tatD DNase family. TATDN2 localizes to the nucleus and is encoded by a gene mapping to human chromosome 3p25.3. Chromosome 3 houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci. Key tumor suppressing genes on chromosome 3 include those that encode the apoptosis mediator RASSF1, the cell migration regulator HYAL1 and the angiogenesis suppressor SEMA3B. Marfan syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth disease are a few of the numerous genetic diseases associated with chromosome 3.

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5. Seim, I., Carter, S.L., Herington, A.C. and Chopin, L.K. 2008. Complex organisation and structure of the ghrelin antisense strand gene GHRLOS, a candidate non-coding RNA gene. *BMC Mol. Biol.* 9: 95.

CHROMOSOMAL LOCATION

Genetic locus: *Tatdn2* (mouse) mapping to 6 E3.

PRODUCT

TATDN2 (m): 293T Lysate represents a lysate of mouse TATDN2 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

TATDN2 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive TATDN2 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.