



TES (m): 293T Lysate: sc-123982

BACKGROUND

TES was originally identified as a candidate tumour suppressor gene and has been found to encode a novel focal adhesion protein called TES or Testin. TES localises to cell-cell contacts and Actin stress fibres, and interacts with a variety of cytoskeletal proteins including Zyxin, Mena, VASP, Talin and Actin. The ability of TES to associate with α -actinin, paxillin and Zyxin is dependent on the conformational state of the molecule. TES contains 3 LIM zinc-binding domains and may act as a tumor suppressor. Overexpression of the TES gene results in increased cell spreading and decreased cell motility.

REFERENCES

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3. Chene, L., Giroud, C., Desgrandchamps, F., Boccon-Gibod, L., Cussenot, O., Berthon, P. and Latil, A. 2004. Extensive analysis of the 7q31 region in human prostate tumors supports TES as the best candidate tumor suppressor gene. *Int. J. Cancer* 111: 798-804.
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CHROMOSOMAL LOCATION

Genetic locus: Tes (mouse) mapping to 6 A2.

PRODUCT

TES (m): 293T Lysate represents a lysate of mouse TES transfected 293T cells and is provided as 100 μ g protein in 200 μ l SDS-PAGE buffer.

APPLICATIONS

TES (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive TES antibodies. Recommended use: 10-20 μ l 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.