

TPD52 (h): 293 Lysate: sc-113261

BACKGROUND

The tumor protein D52 (TPD52) family consists of three members, TPD52, TPD52L1 (D53) and TPD52L2 (D54). These small coiled-coil motif bearing proteins interact in hetero- and homomeric fashion. The TPD52 gene maps to chromosome 8q21 and due to amplification, shows frequent overexpression in prostate and breast carcinomas. TPD52 binds to Annexin VI in a Ca^{2+} -dependent manner, suggesting that these molecules may act in concert to regulate secretory processes in plasma cells.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: TPD52 (human) mapping to 8q21.13.

PRODUCT

TPD52 (h): 293 Lysate represents a lysate of human TPD52 transfected 293 cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

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

See our web site at www.scbt.com for detailed protocols and support products.

APPLICATIONS

TPD52 (h): 293 Lysate is suitable as a Western Blotting positive control for human reactive TPD52 antibodies.

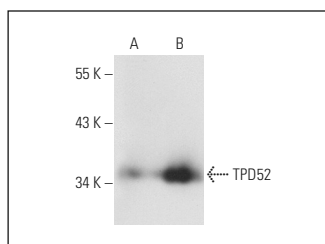
Control 293 Lysate: sc-110760 is available as a Western Blotting negative control lysate derived from non-transfected 293 cells.

TPD52 (A-6): sc-166732 is recommended as a positive control antibody for Western Blot analysis of enhanced human TPD52 expression in TPD52 transfected 293 cells (starting dilution 1:100, dilution range 1:100-1:1,000).

RECOMMENDED SUPPORT REAGENTS

To ensure optimal results, the following support reagents are recommended:
1) Western Blotting: use m-IgGκ BP-HRP: sc-516102 or m-IgGκ BP-HRP (Cruz Marker): sc-516102-CM (dilution range: 1:1000-1:10000), Cruz Marker™ Molecular Weight Standards: sc-2035, UltraCruz® Blocking Reagent: sc-516214 and Western Blotting Luminol Reagent: sc-2048.

DATA



TPD52 (A-6): sc-166732. Western blot analysis of TPD52 expression in non-transfected: sc-110760 (A) and human TPD52 transfected: sc-113261 (B) 293 whole cell lysates.

RESEARCH USE

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