

TDRD3 (h2): 293T Lysate: sc-129928

BACKGROUND

TDRD3 (tudor domain containing 3) is a 651 amino acid protein that localizes to both the nucleus and the cytoplasm and contains one UBA domain and one tudor domain. Expressed in lung, brain, heart, liver, placenta, kidney, pancreas and skeletal muscle, TDRD3 exists as a component of mRNA stress granules and is thought to play a role in the translation of target mRNAs, as well as in the assembly and disassembly of stress granules. Multiple isoforms of TDRD3 exist due to alternative splicing events. The gene encoding TDRD3 maps to human chromosome 13, which houses over 400 genes, such as BRCA2 and RB1, and comprises nearly 4% of the human genome. Trisomy 13, also known as Patau syndrome, is deadly and the few who survive past one year suffer from permanent neurologic defects, difficulty eating and vulnerability to serious respiratory infections.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: TDRD3 (human) mapping to 13q21.2.

PRODUCT

TDRD3 (h2): 293T Lysate represents a lysate of human TDRD3 transfected 293T 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.

APPLICATIONS

TDRD3 (h2): 293T Lysate is suitable as a Western Blotting positive control for human reactive TDRD3 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.

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.