

TPPP3 (m): 293T Lysate: sc-124236

BACKGROUND

Tubulin family members are globular proteins important in the assembly of microtubules. Microtubules are structural components that play important roles in mitosis, cytokinesis and vesicle transport. TPPP3 (Tubulin polymerization-promoting protein family member 3), also known as CGI-38 or p20, is a 176 amino acid protein belonging to the TPPP family. Localizing to the cytoplasm, TPPP3 has the ability to bundle microtubules and induce tubulin polymerization. The gene encoding TPPP3 maps to human chromosome 16q22.1. When the TPPP3 gene is silenced, tumor progression is reduced, suggesting a role in tumorigenesis and metastasis.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: Tppp3 (mouse) mapping to 8 D3.

PRODUCT

TPPP3 (m): 293T Lysate represents a lysate of mouse TPPP3 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

TPPP3 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive TPPP3 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.