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LHFPL2 (m): 293T Lysate: sc-121332

BACKGROUND

The development of lipomas, benign tumors composed of fatty tissues, has been linked to breakpoints in the HMGI-C gene. LHFP (lipoma HMGIC fusion partner) is a multi-pass membrane protein that acts as a fusion partner with HMGI-C in a lipoma with the translocation t(12;13)(q13-q15;q12). An LHFP family member, LHFPL2 (lipoma HMGIC fusion partner-like 2 protein) is a 228 amino acid multi-pass membrane protein that is expressed in most tissues except brain and peripheral blood leukocytes. The gene encoding LHFPL2 maps to human chromosome 5, which is associated with Cockayne syndrome through the ERCC8 gene and familial adenomatous polyposis through the adenomatous polyposis coli (APC) tumor suppressor gene. Treacher Collins syndrome is also chromosome 5 associated and is caused by insertions or deletions within the TCOF1 gene. Deletion of the p arm of chromosome 5 leads to cri du chat syndrome. Deletion of 5q or chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: Lhfp12 (mouse) mapping to 13 D1.

PRODUCT

LHFPL2 (m): 293T Lysate represents a lysate of mouse LHFPL2 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

LHFPL2 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive LHFPL2 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.