SANTA CRUZ BIOTECHNOLOGY, INC.

PLEKHG4B (h): 293 Lysate: sc-372312

SANTA CRUZ BIOTECHNOLOGY

The Power to Question

BACKGROUND

With 181 million base pairs encoding around 1,000 genes, chromosome 5 is about 6% of human genomic DNA. It 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. The KIAA1909 gene product has been provisionally designated KIAA1909 pending further characterization.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: PLEKHG4B (human) mapping to 5p15.33.

PRODUCT

PLEKHG4B (h): 293 Lysate represents a lysate of human PLEKHG4B transfected 293 cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

PLEKHG4B (h): 293 Lysate is suitable as a Western Blotting positive control for human reactive PLEKHG4B antibodies. Recommended use: 10-20 µl per lane.

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