SANTA CRUZ BIOTECHNOLOGY, INC.

ZNF516 (m): 293T Lysate: sc-124804

SANTA CRUZ BIOTECHNOLOGY

The Power to Question

BACKGROUND

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. As a member of the krueppel C_2H_2-type zinc-finger protein family, ZNF516 (zinc-finger protein 516) is a 1,163 amino acid nuclear protein that contains ten C_2H_2-type zinc-fingers. The gene encoding ZNF516 maps to human chromosome 18, in a region that is frequently found to be affected in 18q deletion syndrome, a multiple-anomaly mental retardation syndrome that is associated with congenital aural atresia.

REFERENCES

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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.

CHROMOSOMAL LOCATION

Genetic locus: Zfp516 (mouse) mapping to 18 E3.

PRODUCT

ZNF516 (m): 293T Lysate represents a lysate of mouse ZNF516 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

ZNF516 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive ZNF516 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.