SANTA CRUZ BIOTECHNOLOGY, INC.

SBK1 (m): 293T Lysate: sc-127512

BACKGROUND

SBK1 (SH3-binding domain kinase 1), also known as Sbk or serine/threonine-protein kinase SBK1, is a 424 amino acid cytoplasmic protein that is thought to play a role in signal-transduction pathways during brain development. A member of the serine/threonine-protein kinase family and protein kinase superfamily, SBK1 contains one protein kinase domain and is encoded by a gene that maps to human chromosome 16p11.2. Chromosome 16 encodes over 900 genes and comprises nearly 3% of the human genome. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, as is Crohn's disease, which is a gastrointestinal inflammatory condition.

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: Sbk1 (mouse) mapping to 7 F3.

PRODUCT

SBK1 (m): 293T Lysate represents a lysate of mouse SBK1 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

SBK1 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive SBK1 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.