



Josephin-1 (m2): 293T Lysate: sc-110404

BACKGROUND

Josephin-1, also known as JOSD1 (Josephin domain containing 1), is a 202 amino acid protein that contains one Josephin domain and is encoded by a gene that maps to human chromosome 22. Chromosome 22 houses over 500 genes and is the second smallest human chromosome. Mutations in several of the genes that map to chromosome 22 are involved in the development of Phelan-McDermid syndrome, neurofibromatosis type 2, autism and schizophrenia. Additionally, translocations between chromosomes 9 and 22 may lead to the formation of the Philadelphia chromosome and the subsequent production of the novel fusion protein Bcr-Abl, a potent cell proliferation activator found in several types of leukemias.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: Jsd1 (mouse) mapping to 15 E1.

PRODUCT

Josephin-1 (m2): 293T Lysate represents a lysate of mouse Josephin-1 transfected 293T cells and is provided as 100 μ g protein in 200 μ l SDS-PAGE buffer.

STORAGE

Store at -20 $^{\circ}$ C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

APPLICATIONS

Josephin-1 (m2): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive Josephin-1 antibodies. Recommended use: 10-20 μ l 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.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.