BRD3 (m): 293T Lysate: sc-126513



BACKGROUND

The bromodomain-containing proteins include BRD2, BRD3, BRD4 and BRDT. BRD2 (RING3 protein) is a mitogen-activated nuclear protein whose gene is located in the human MHC II region, suggesting its relation to HLA-associated diseases. The gene encoding BRD3 (RING3-like protein) contains two bromodomains and the gene encoding for the protein maps to chromosome 9q34.2. BRD4 (HUNK1 protein) is a nuclear protein involved in the regulation of chromosomal dynamics during mitosis. The testis-specific bromodomain protein BRDT contains a PEST sequence, indicating that it undergoes rapid intracellular degradation. The bromodomain-containing proteins are ubiquitously expressed.

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: Brd3 (mouse) mapping to 2 A3.

PRODUCT

BRD3 (m): 293T Lysate represents a lysate of mouse BRD3 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

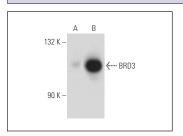
APPLICATIONS

BRD3 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive BRD3 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.

BRD3 (2088C3a): sc-81202 is recommended as a positive control antibody for Western Blot analysis of enhanced mouse BRD3 expression in BRD3 transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

DATA



BRD3 (2088C3a): sc-81202. Western blot analysis of BRD3 expression in non-transfected: sc-117752 (A) and mouse BRD3 transfected: sc-126513 (B) 293T whole cell lysates.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

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