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CBX6 (h): 293T Lysate: sc-117038

BACKGROUND

Polycomb group (PcG) proteins form multiprotein complexes that regulate expression patterns of developmental and cell proliferation genes. CBX6 (chromobox protein homolog 6) is a 412 amino acid protein that is a component of the chromatin-associated PcG complex. Through interaction with PcG, CBX6 modifies chromatin and maintains the transcriptionally repressive state of genes. Members of the chromobox domain protein family are characterized by the presence of a 37 amino acid chromobox (chromatin organization modifier) domain. This domain plays a mechanistic role in targeting chromodomain proteins to specific regions of the nucleus.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: CBX6 (human) mapping to 22q13.1.

PRODUCT

CBX6 (h): 293T Lysate represents a lysate of human CBX6 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

CBX6 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive CBX6 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.

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.