



LBP-9 (h): 293T Lysate: sc-369957

BACKGROUND

The long terminal repeat binding protein-1 (LBP-1) mammalian family of transcription factors are proteins that stimulate transcription in HeLa cells from the major late promoter of simian virus 40 *in vitro*. The two related human LBP-1 genes are TFCP2A, which encodes the alternatively spliced transcripts LBP-1a and LBP-1b, and TFCP2C, which encodes LBP-1c and LBP-1d. LBP-9, also designated transcription factor CP2-like 1 (TFCP2L1), is a protein of 479 amino acids. LBP-9 shows 83% sequence homology with LBP-1b and acts as a suppressor factor inhibiting the stimulation effect of LBP-1b. LBP-9 may regulate the P450scc reporter activity through the -155/-131 element.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: TFCP2L1 (human) mapping to 2q14.2.

PRODUCT

LBP-9 (h): 293T Lysate represents a lysate of human LBP-9 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

LBP-9 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive LBP-9 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.