



SSBP3 (h): 293T Lysate: sc-117048

BACKGROUND

The single-stranded-DNA-binding proteins (SSBs) are essential for DNA function in prokaryotic and eukaryotic cells, as well as in mitochondria, bacteria and viruses. SSBP3 (single stranded DNA binding protein 3), also known as CSDP or SSDP, is a 388 amino acid protein that localizes to the nucleus and contains one LisH domain. Highly expressed in spleen, bone marrow, thymus, lymph node, kidney, brain, heart and skeletal muscle, SSBP3 binds to the single-stranded polypyrimidine sequences in the promotor of COLA2 genes and is thought to regulate the transcription of COLA2 genes. SSBP3 is expressed as multiple alternatively spliced isoforms that are encoded by a gene which maps to human chromosome 1.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: SSBP3 (human) mapping to 1p32.3.

PRODUCT

SSBP3 (h): 293T Lysate represents a lysate of human SSBP3 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

RESEARCH USE

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

APPLICATIONS

SSBP3 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive SSBP3 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.

PROTOCOLS

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