SANTA CRUZ BIOTECHNOLOGY, INC.

pirin (m): 293T Lysate: sc-122594

BACKGROUND

Pirin (also designated iron-binding nuclear protein) is a highly conserved eukaryotic protein involved in transcriptional activation and apoptosis. Pirin mRNA is poorly expressed in all human tissues, and multiple pirin transcripts are expressed in heart and skeletal muscle. Research indicates that the expression of pirin may be localized to subnuclear structures. The interaction of pirin with NFI/CTF1 (nuclear factor I/CCAAT box transcription factor) classifies pirin as a putative NFI/CTF1 cofactor, which might lead to new insights in NFI/CTF1 activity. Pirin may be a significant factor in transcriptional regulation and is presumably involved in the regulation of DNA transcription and replication.

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: Pir (mouse) mapping to X F5.

PRODUCT

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

APPLICATIONS

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

RESEARCH USE

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