

Pol II RPB6 (h): 293T Lysate: sc-129509

BACKGROUND

RNA polymerase II (Pol II) is a multi-subunit enzyme responsible for the transcription of protein-coding genes. Transcription initiation requires recruitment of the complete transcription machinery to a promoter via solicitation by activators and chromatin remodeling factors. Pol II can coordinate 10 to 14 subunits. This complex interacts with the promoter regions of genes and a variety of elements and transcription factors. The DNA binding domain of the polymerase is a groove where TFIIB orients the DNA for unwinding and transcription.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: POLR2F (human) mapping to 22q13.1.

PRODUCT

Pol II RPB6 (h): 293T Lysate represents a lysate of human Pol II RPB6 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

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.

APPLICATIONS

Pol II RPB6 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive Pol II RPB6 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.