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DDX43 (h): 293 Lysate: sc-128420

BACKGROUND

DEAD-box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp, are putative RNA helicases implicated in several cellular processes involving modifications of RNA secondary structure and ribosome/spliceosome assembly. Based on their distribution patterns, some members of this family may be involved in embryogenesis, spermatogenesis and cellular growth and division. DDX43 (DEAD (Asp-Glu-Ala-Asp) box polypeptide 43), also known as CT13 or HAGE, is a 648 amino acid protein that contains one KH domain, one helicase C-terminal domain and one helicase ATP-binding domain and belongs to the DEAD-box family. Expressed in testis and present at abnormally high levels in a variety of tumors, DDX43 is thought to function as an ATP-dependent RNA helicase that may play a role tumor transformation and metastasis.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: DDX43 (human) mapping to 6q13.

PRODUCT

DDX43 (h): 293 Lysate represents a lysate of human DDX43 transfected 293 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.

APPLICATIONS

DDX43 (h): 293 Lysate is suitable as a Western Blotting positive control for human reactive DDX43 antibodies. Recommended use: 10-20 µl per lane.

Control 293 Lysate: sc-110760 is available as a Western Blotting negative control lysate derived from non-transfected 293 cells.

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.