

RAD54L2 (h): 293T Lysate: sc-175676

BACKGROUND

Adrenergic receptors (ARs) include four general types ($\alpha 1$, $\alpha 2$, $\beta 1$ and $\beta 2$) that are found in different target tissues and differ in their affinities and responses to various agonists and antagonists. The coupling of ARs to specific intracellular effectors is mediated through diverse heterotrimeric G proteins. ARs play a critical role in the development of prostate cancer, and transcriptional activity of AR is partly regulated by coregulatory proteins. RAD54L2 (RAD54-like 2), also known as ARIP4 (androgen receptor-interacting protein 4), HSPC325 or SRISNF2L, is a 1,467 amino acid nuclear protein belonging to the SNF2/RAD54 helicase family that consists of one helicase ATP-binding domain and a helicase C-terminal domain. RAD54L2 is a DNA helicase that regulates androgen receptor (AR)-dependent transactivation in a promoter-dependent manner. RAD54L2 is posttranslationally sumoylated or phosphorylated upon DNA damage.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: RAD54L2 (human) mapping to 3p21.2.

PRODUCT

RAD54L2 (h): 293T Lysate represents a lysate of human RAD54L2 transfected 293T cells and is provided as 100 μ g protein in 200 μ l SDS-PAGE buffer.

APPLICATIONS

RAD54L2 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive RAD54L2 antibodies. Recommended use: 10-20 μ l 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.