RIN1 (h2): 293 Lysate: sc-171832



The Power to Question

BACKGROUND

Ras is a membrane-associated small G protein that is indirectly coupled to receptor and nonreceptor tyrosine kinases. Ras activation is regulated by the levels of bound GTP and GDP. Several effectors of Ras have been identified, including Raf1, Pl 3-kinase, and RIN1. RIN1 (Ras interaction/interference) was identified as a Ras-interacting protein in yeast, and it has been shown to bind to the human H-ras. This RIN1-Ras interaction is enhanced when Ras is bound to GTP. Unlike Raf1, RIN1 is localized primarily to the plasma membrane. RIN1 contains an ${\rm SH}_2$ domain and an amino-terminal region similar to consensus SH3 domains. RIN1 binds c-Abl, and, like Raf1, interacts with 14-3-3 proteins.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: RIN1 (human) mapping to 11q13.2.

PRODUCT

RIN1 (h2): 293 Lysate represents a lysate of human RIN1 transfected 293 cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

RIN1 (h2): 293 Lysate is suitable as a Western Blotting positive control for human reactive RIN1 antibodies. Recommended use: 10-20 μ l per lane.

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

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