

Ral BP-1 (m): 293T Lysate: sc-122954

BACKGROUND

Ral A and Ral B constitute a distinct subfamily of Ras-related GTPases (i.e. GDP/GTP binding proteins). Ral proteins are activated by a unique nucleotide exchange factor, Ral GDS, and deactivated by a distinct GTPase-activating protein. Unlike Ras proteins, Ral A and Ral B fail to induce transformed foci when activated variants are expressed in various recipient cells. A potential downstream target of Ral, designated Ral BP-1, has been shown to contain a Rho-GTPase-activating domain. This Rho-GTPase-activating domain interacts preferentially with the Rho family member Cdc42. A Ras/Ral signaling pathway has been reported to mediate phospholipase D (PLD) activation by v-Src, thus indicating PLD as another downstream target of Ral A.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: Ralbp1 (mouse) mapping to 17 E1.1.

PRODUCT

Ral BP-1 (m): 293T Lysate represents a lysate of mouse Ral BP-1 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.

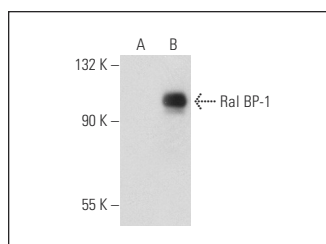
APPLICATIONS

Ral BP-1 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive Ral BP-1 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.

Ral BP-1 (H-10): sc-48337 is recommended as a positive control antibody for Western Blot analysis of enhanced mouse Ral BP-1 expression in Ral BP-1 transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

DATA



Ral BP-1 (H-10): sc-48337. Western blot analysis of Ral BP-1 expression in non-transfected: sc-117752 (A) and mouse Ral BP-1 transfected: sc-122954 (B) 293T whole cell lysates.

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.