

Pirh2 (m2): 293T Lysate: sc-122593

BACKGROUND

Pirh2, also known as androgen receptor N-terminal-interacting protein (ARNIP), ZN363 or CHIMP, has p53-induced ubiquitin-protein ligase activity, promoting p53 degradation. The protein physically interacts with p53 and the resulting degradation of p53 renders Pirh2 an oncogenic protein, as the loss of p53 function contributes to malignant tumor development. The gene encoding for the protein maps to chromosome 4q21.1; transcription of this gene is regulated by p53. Pirh2 expression decreases the level of p53, and a decrease of endogenous Pirh2 expression increases p53 levels. Pirh2 is therefore considered, together with MDM2, to act as a negative regulator of p53 function.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: Rchy1 (mouse) mapping to 5 E2.

PRODUCT

Pirh2 (m2): 293T Lysate represents a lysate of mouse Pirh2 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

Pirh2 (m2): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive Pirh2 antibodies. Recommended use: 10-20 µl per lane.

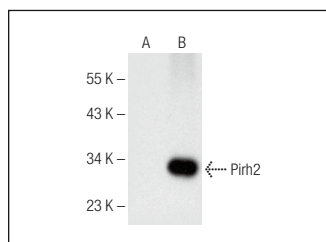
Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

Pirh2 (D-12): sc-374505 is recommended as a positive control antibody for Western Blot analysis of enhanced mouse Pirh2 expression in Pirh2 transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

RECOMMENDED SUPPORT REAGENTS

To ensure optimal results, the following support reagents are recommended:
1) Western Blotting: use m-IgGκ BP-HRP: sc-516102 or m-IgGκ BP-HRP (Cruz Marker): sc-516102-CM (dilution range: 1:1000-1:10000), Cruz Marker™ Molecular Weight Standards: sc-2035, UltraCruz® Blocking Reagent: sc-516214 and Western Blotting Luminol Reagent: sc-2048.

DATA



Pirh2 (D-12): sc-374505. Western blot analysis of Pirh2 expression in non-transfected: sc-117752 (**A**) and mouse Pirh2 transfected: sc-122593 (**B**) 293T whole cell lysates.

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.