HspBP1 (h): 293 Lysate: sc-110611



The Power to Question

BACKGROUND

HSP 70-interacting protein (HspBP1) belongs to a family of eukaryotic proteins identified as nucleotide exchange factors for HSP 70, which exhibit varying degrees of compartment and species specificity. HspBP1 interferes with the CHIP-induced degradation of immature forms of the cystic fibrosis transmembrane conductance regulator (CFTR) and stimulates CFTR maturation. HspBP1 binds to HSP 70, inhibits its activity and promotes dissociation of nucleotides from the HSP 70 ATPase domain. It is a protein mainly expressed in heart and skeletal muscle.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: HSPBP1 (human) mapping to 19q13.42.

PRODUCT

HspBP1 (h): 293 Lysate represents a lysate of human HspBP1 transfected 293 cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

APPLICATIONS

HspBP1 (h): 293 Lysate is suitable as a Western Blotting positive control for human reactive HspBP1 antibodies.Recommended use: 10-20 µl per lane.

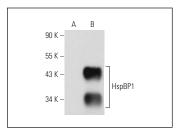
Control 293 Lysate: sc-110760 is available as a Western Blotting negative control lysate derived from non-transfected 293 cells.

HspBP1 (D-2): sc-166315 is recommended as a positive control antibody for Western Blot analysis of enhanced human HspBP1 expression in HspBP1 transfected 293 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-lgG κ BP-HRP: sc-516102 or m-lgG κ BP-HRP (Cruz Marker): sc-516102-CM (dilution range: 1:1000-1:10000), Cruz MarkerTM Molecular Weight Standards: sc-2035, UltraCruz® Blocking Reagent: sc-516214 and Western Blotting Luminol Reagent: sc-2048.

DATA



HspBP1 (D-2): sc-166315. Western blot analysis of HspBP1 expression in non-transfected: sc-110760 (A) and human HspBP1 transfected: sc-110611 (B) 293 whole cell Ivsates.

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.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.

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