α -parvin (h): 293T Lysate: sc-176783



The Power to Question

BACKGROUND

The parvin family, including α -parvin, β -parvin and γ -parvin, link integrins and associated proteins with intracellular pathways, which regulate Actin cytoskeletal dynamics and cell survival. All three family members localize to focal adhesions and function in cell adhesion, spreading, motility and survival through interactions with partners, such as integrin-linked kinase (ILK), paxillin, α -actinin and testicular kinase 1. α -parvin is widely expressed, with highest levels detected in the skeletal muscle, heart, liver and kidney. A complex made up of α -parvin, ILK and the LIM protein Pinch-1 is critical for cell survival in a variety of cells, including certain cancer cells, kidney podocytes and cardiac myocytes. β -parvin links initial integrin signals to rapid Actin reorganization, thereby playing a critical role in fibroblast migration. The ILK- γ -parvin complex is essential for the establishment of cell polarity required for leukocyte migration.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: PARVA (human) mapping to 11p15.3.

PRODUCT

 $\alpha\text{-parvin}$ (h): 293T Lysate represents a lysate of human $\alpha\text{-parvin}$ transfected 293T 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

 $\alpha\text{-parvin}$ (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive $\alpha\text{-parvin}$ antibodies. Recommended use: 10-20 μI 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.

PROTOCOLS

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

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