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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Lamellipodin (h): 293T Lysate: sc-171167

## BACKGROUND

Lamellipodin, also called ras-associated and pleckstrin homology domains-containing protein 1 (RAPH1), is a 1,302 amino acid member of the MRL family. The peripheral membrane protein mediates localized membrane signals and colocalizes at the tips of filopodia and lamellipodia with ENAH/VASP. Aside from the main isoform, nine additional isoforms have been identified for Lamellipodin (RMO1, RMO1a, RMO1b, RMO1c, RMO1ab, RMO1ac, RMO1bc, RMO1abc and RMO1-RAPH1). RMO1-RAPH1 is expressed in a wide variety of tissues, most highly in brain, heart, ovary and developing embryo. RMO1 is also widely expressed, with highest amounts in liver. Lamellipodin is down regulated in breast and ovarian cancers and shows reduced expression in metastatic osteosarcomas in comparison to primary osteosarcoma tumors.

## REFERENCES

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## 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.

## CHROMOSOMAL LOCATION

Genetic locus: RAPH1 (human) mapping to 2q33.2.

## PRODUCT

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

## APPLICATIONS

Lamellipodin (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive Lamellipodin 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.

## RESEARCH USE

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

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) for detailed protocols and support products.