# POR1 (m2): 293T Lysate: sc-127369



The Power to Question

## **BACKGROUND**

POR1 (also designated arfaptin 2) was first isolated as a Rac 1 binding protein necessary for Rac-mediated Actin polymerization and the subsequent formation of membrane ruffles and lamellipodia. POR1 has also been shown to interact with the ADP ribosylation factor ARF6, a GTPase that associates with the plasma membrane and intracellular endosome vesicles, in a GTP dependent manner. The association of POR1 with ARF6 stimulates induction of Actin polymerization. POR1 appears to play a regulatory role through multiple signaling pathways in the reorganization of the cytoskeletal structure.

## **REFERENCES**

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## CHROMOSOMAL LOCATION

Genetic locus: Arfip2 (mouse) mapping to 7 E3.

# **PRODUCT**

POR1 (m2): 293T Lysate represents a lysate of mouse POR1 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

## **APPLICATIONS**

POR1 (m2): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive POR1 antibodies. Recommended use:  $10-20 \mu l$  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.

## **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.

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