

ARHGEF11

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:100

Calculated MW: 168kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human ARHGEF11

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

GTRAP48; PDZ-RHOGEF;

Catalog #: A7954

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 9826

Isotype: IgG

Swiss Prot: O15085

Purity: Affinity purification

For research use only.

Background:

Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. A similar protein in rat interacts with glutamate transporter EAAT4 and modulates its glutamate transport activity. Expression of the rat protein induces the reorganization of the actin cytoskeleton and its overexpression induces the formation of membrane ruffling and filopodia. Two alternative transcripts encoding different isoforms have been described.

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