

## 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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