

ARHGAP17 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50993**Specification**

ARHGAP17 Antibody - Product Information

Application	WB, ICC, E
Primary Accession	Q68EM7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	95 KDa

ARHGAP17 Antibody - Additional Information**Gene ID** 55114**Other Names**

Rho GTPase-activating protein 17, Rho-type GTPase-activating protein 17, RhoGAP interacting with CIP4 homologs protein 1, RICH-1, ARHGAP17, RICH1

Dilution

WB~~1:1000

ICC~~N/A

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

ARHGAP17 Antibody - Protein Information**Name** ARHGAP17**Synonyms** RICH1**Function**

Rho GTPase-activating protein involved in the maintenance of tight junction by regulating the activity of CDC42, thereby playing a central role in apical polarity of epithelial cells. Specifically acts as a GTPase activator for the CDC42 GTPase by converting it to an inactive GDP-bound state. The complex formed with AMOT acts by regulating the uptake of polarity proteins at tight junctions, possibly by deciding whether tight junction transmembrane proteins are recycled back to the plasma membrane or sent elsewhere. Participates in the Ca(2+)-dependent regulation of exocytosis, possibly by catalyzing GTPase activity of Rho family proteins and by inducing the reorganization of the cortical actin filaments. Acts as a GTPase activator in vitro for RAC1.

Cellular Location

Membrane; Peripheral membrane protein. Cytoplasm. Cell junction, tight junction.
Note=Associates with membranes and concentrates at sites of cell-cell contact

Tissue Location

Ubiquitously expressed. Expressed at higher level in heart and placenta.

ARHGAP17 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ARHGAP17 Antibody - Images**ARHGAP17 Antibody - Background**

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ARHGAP17 Antibody - References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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Reczek D.,et al.J. Cell Biol. 153:191-206(2001).