

Product datasheet for TA392849

ARHGAP17 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: WB: 1:500~1:1000 Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: Synthetic peptide, corresponding to amino acids 845-905 of Human RoXaN.

Specificity: ARHGAP17(T363) pAb detects endogenous levels of ARHGAP17 protein. **Formulation:** Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Concentration: 1mg/ml

Conjugation: Unconjugated

Storage: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

Stability: 1 year

Predicted Protein Size: ~ 130 kDa

Gene Name: Rho GTPase activating protein 17

Database Link: Entrez Gene 55114 Human

Q68EM7



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Background:

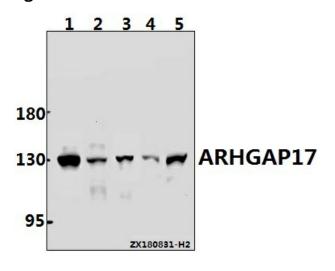
GTPase-activating proteins (GAPs) accelerate the intrinsic rate of GTP hydrolysis of Ras-related proteins, resulting in down regulation of their active form. ARHGAP17 (Rho GTPase activating protein 17), also known as RICH1, WBP15, MST066, MST110, NADRIN, PP4534, RICH1B, MSTP038, MSTP066 or MSTP110, is a ubiquitously expressed peripheral membrane protein whose expression is highest in heart and placenta. ARHGAP17 is involved in the maintenance of tight junctions by regulating the activity of Cdc42, thereby playing a central role in apical polarity of epithelial cells. Containina a BAR domain and a Rho-GAP domain, ARHGAP17 acts as a GTPase activator for the Cdc42 GTPase by converting it to an inactive GDP-bound state. ARHGAP17 may also participate in the Ca2+-dependent regulation of exocytosis by catalyzing GTPase activity of Rho family proteins and by inducing the reorganization of cortical actin filaments. ARHGAP17 exists as seven alternative splice variants.

Synonyms: KIAA1031; Rotavirus 'X'-associated non-structural protein; RoXaN; ZC3H7B; Zinc finger CCCH

domain-containing protein 7B

Note: For research use only, not for use in diagnostic procedure.

Product images:



Western blot (WB) analysis of ARHGAP17 (T363) pAb at 1:1000 dilution Lane1:Hela whole cell lysate(30ug) Lane2:HCT116 whole cell lysate(40ug) Lane3:A375 whole cell lysate(40ug) Lane4:The Embryo tissue lysate of Mouse(40ug) Lane5:H9C2 whole cell lysate(40ug)