OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA392849S

ARHGAP17 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000
Reactivity:	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

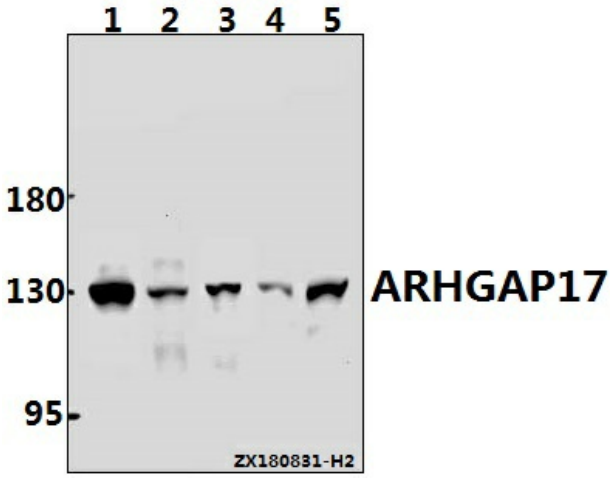
View online »

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)