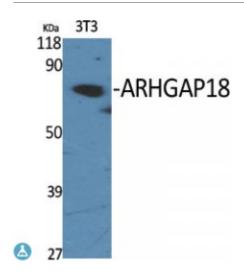


Anti-ARHGAP18 antibody



Description Rabbit polyclonal to ARHGAP18.

Model STJ91682

Host Rabbit

Reactivity Human

Applications ELISA, IHC, WB

Immunogen Synthesized peptide derived from human ARHGAP18

Immunogen Region 490-570 aa, C-terminal

Gene ID 93663

Gene Symbol ARHGAP18

Dilution range WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000

Specificity ARHGAP18 Polyclonal Antibody detects endogenous levels of ARHGAP18

protein.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name Rho GTPase-activating protein 18 MacGAP Rho-type GTPase-activating

protein 18

Molecular Weight 75,70 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:21035OMIM:613351</u>

Alternative Names Rho GTPase-activating protein 18 MacGAP Rho-type GTPase-activating

protein 18

Function Rho GTPase activating protein that suppresses F-actin polymerization by

inhibiting Rho. Rho GTPase activating proteins act by converting Rho-type GTPases to an inactive GDP-bound state . Plays a key role in tissue tension and 3D tissue shape by regulating cortical actomyosin network formation. Acts downstream of YAP1 and inhibits actin polymerization, which in turn reduces nuclear localization of YAP1 . Regulates cell shape, spreading, and

migration.

Cellular Localization Cytoplasm

St John's Laboratory Ltd

F +44 (0)207 681 2580

T+44 (0)208 223 3081

W http://www.stjohnslabs.com/ E info@stjohnslabs.com