

Rabbit ARHGAP18 Polyclonal Antibody | anti-ARHGAP18 antibody

ARHGAP18 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234163	Rabbit	Human, Rat, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

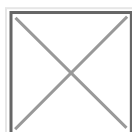
PRODUCT SYNONYMS

ARHGAP18; Polyclonal Antibody; ARHGAP18 Antibody; Rho GTPase-activating protein 18 (MacGAP) (Rho-type GTPase-activating protein 18); anti-ARHGAP18 antibody

PRODUCT SPECIFICATIONS

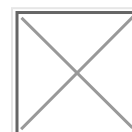
Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Applicable Applications for anti-ARHGAP18 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Rho GTPase-activating protein 18 protein (389-577AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Species	Human
Research Area	Signal Transduction
Target Names	ARHGAP18
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234163 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of AAA234163 diluted at 1:200 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Hela whole cell lysate, NIH/3T3 whole cell lysate, A549 whole cell lysate, Rat lung tissue, Rat kidney tissue, Mouse heart tissueAll lanes: ARHGAP18 antibody at 4.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 75, 71 KDaObserved band size: 75 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-ARHGAP18 antibody	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 (PubMed:21865595). 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 (PubMed:25778702). Regulates cell shape, spreading, and migration (PubMed:21865595).
Product Categories/Family for anti-ARHGAP18 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	39932589
NCBI GeneID	93663
NCBI Accession #	NP_277050.2
NCBI GenBank Nucleotide #	NM_033515.2
UniProt Accession #	Q8N392; Q58EZ3; Q6P679; Q6PJD7; Q96S64; E1P575
NCBI Official Full Name	rho GTPase-activating protein 18
NCBI Official Synonym Full Names	Rho GTPase activating protein 18
NCBI Official Symbol	ARHGAP18
NCBI Official Synonym Symbols	SENEX; MacGAP; bA307O14.2
NCBI Protein Information	rho GTPase-activating protein 18
UniProt Protein Name	Rho GTPase-activating protein 18
UniProt Gene Name	ARHGAP18

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/arhgap18-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234163>