

Rabbit ARHGAP18 Polyclonal Antibody | anti-ARHGAP18 antibody

ARHGAP18 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39731	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

ARHGAP18; Polyclonal Antibody; ARHGAP18 Antibody; SENEX; MacGAP; bA307O14.2; Rho GTPase-activating protein 18; Rho GTPase activating protein 18; anti-ARHGAP18 antibody

PRODUCT SPECIFICATIONS

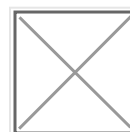
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	ARHGAP18 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	663
Applicable Applications for anti-ARHGAP18 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ARHGAP18 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human ARHGAP18.
Buffer	ARHGAP18 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ARHGAP18 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of ARHGAP18 in 3T3 cells with ARHGAP18 antibody at 20 μg/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of ARHGAP18 in 3T3 cells with ARHGAP18 antibody at 2.5 μg/mL.



WB (Western Blot)

Western blot analysis of ARHGAP18 in 3T3 cell lysate with ARHGAP18 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ARHGAP18 antibody	ARHGAP18 Antibody: ARHGAP18 is one member of the human RhoGAP family with approximately 80 RhoGAP proteins known to be encoded in the human genome. Rho proteins belong to the Ras superfamily that is composed of over 50 members divided into six families, including Ras, Sar, Rho, Ran, Rab and Arf. Rho GTPases are important regulators of the actin cytoskeleton and consequently influence the shape and migration of cells. ARHGAP18 is linked to Ras, and thus, to EGFR-mediated proliferation, migration and differentiation. ARHGAP18 is precisely contained within chromosome 6q22-24, which has been shown to be linked to schizophrenia, suggesting that ARHGAP18 may play a role in this condition.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	39932589
NCBI GeneID	93663
NCBI Accession #	NP_277050
NCBI GenBank Nucleotide #	NM_033515.2
UniProt Accession #	Q8N392; Q58EZ3; Q6P679; Q6PJD7; Q96S64; E1P575
Molecular Weight	70,164 Da
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; ARHGAP18; rho-type GTPase-activating protein 18
UniProt Protein Name	Rho GTPase-activating protein 18
UniProt Gene Name	ARHGAP18
UniProt Entry Name	RHG18_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/arhgap18-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39731>