BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-ARHGAP18 Antibody

Catalog Number: A08418-1

About ARHGAP18

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 ARHGEP18 may play a role in this condition.

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Overview

Product Name	Anti-ARHGAP18 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ARHGAP18 Antibody (Catalog # A08418-1). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	ARHGAP18 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	ARHGAP18 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q8N392

Technical Details

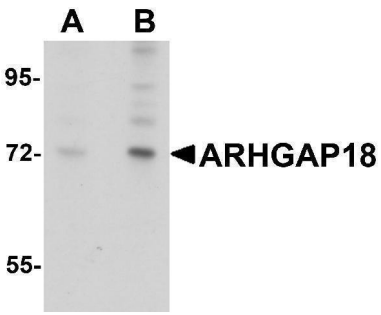
Immunogen	ARHGAP18 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human ARHGAP18. The immunogen is located within the last 50 amino acids of ARHGAP18.
Predicted Reactive Species	Chicken

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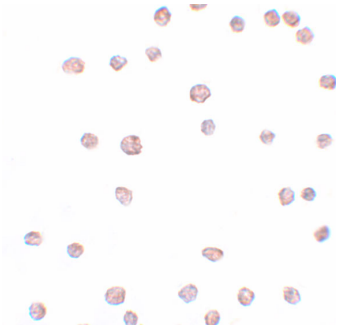
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	ARHGAP18 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	ARHGAP18 antibody can be used for detection of ARHGAP18 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunocytochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse samples; Immunocytochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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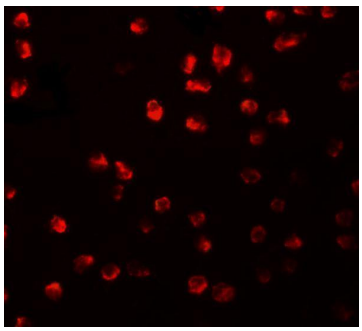
Anti-ARHGAP18 Antibody (A08418-1) Images



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



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



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

Anti-ARHGAP18 Antibody

For Research Use Only. Not for use in diagnostic procedures.