

Datasheet for ABIN6991267
anti-ARHGAP18 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	ARHGAP18
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGAP18 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product 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.
Isotype:	IgG
Purification:	ARHGAP18 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	ARHGAP18
Alternative Name:	ARHGAP18 (ARHGAP18 Products)
Background:	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

Target Details

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.

Gene ID:	93663
NCBI Accession:	NP_277050
UniProt:	Q8N392

Application Details

Application Notes:	ARHGAP18 antibody can be used for detection of ARHGAP18 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunocytochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/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.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	ARHGAP18 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	ARHGAP18 antibody can be stored at 4°C for three months and -20°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.