

ARHGAP1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18835c

Specification

ARHGAP1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q07960
Other Accession	Q5FWK3 , NP_004299.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	50436
Antigen Region	126-154

ARHGAP1 Antibody (Center) - Additional Information

Gene ID 392

Other Names

Rho GTPase-activating protein 1, CDC42 GTPase-activating protein, GTPase-activating protein rhoOGAP, Rho-related small GTPase protein activator, Rho-type GTPase-activating protein 1, p50-RhoGAP, ARHGAP1, CDC42GAP, RHOGAP1

Target/Specificity

This ARHGAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 126-154 amino acids from the Central region of human ARHGAP1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ARHGAP1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ARHGAP1 Antibody (Center) - Protein Information

Name ARHGAP1

Synonyms CDC42GAP, RHOGAP1

Function GTPase activator for the Rho, Rac and Cdc42 proteins, converting them to the putatively inactive GDP-bound state. Cdc42 seems to be the preferred substrate.

Cellular Location
Cytoplasm.

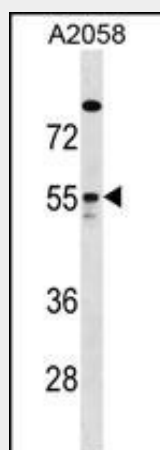
Tissue Location
Ubiquitous.

ARHGAP1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ARHGAP1 Antibody (Center) - Images



ARHGAP1 Antibody (Center)(Cat. #AP18835c) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the ARHGAP1 antibody detected the ARHGAP1 protein (arrow).

ARHGAP1 Antibody (Center) - Background

GTPase activator for the Rho, Rac and Cdc42 proteins, converting them to the putatively inactive GDP-bound state. Cdc42 seems to be the preferred substrate.

ARHGAP1 Antibody (Center) - References

Takefuji, M., et al. J. Hum. Genet. 55(1):42-49(2010)
Rivadeneira, F., et al. Nat. Genet. 41(11):1199-1206(2009)

Mori, K., et al. J. Biol. Chem. 284(8):5067-5076(2009)
Scholz, R.P., et al. J. Cell. Sci. 122 (PT 1), 92-102 (2009) :
Budanova, E.N., et al. Genetika 44(2):170-176(2008)