

**ARHGAP39 Antibody**  
**Catalog # ASC11361****Specification**

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**ARHGAP39 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O9C0H5</a>
Other Accession	<a href="#">NP_079527</a> , <a href="#">58331179</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application Notes	ARHGAP39 antibody can be used for detection of ARHGAP39 by Western blot at 1 - 2 µg/mL.

**ARHGAP39 Antibody - Additional Information**Gene ID **80728****Target/Specificity**

ARHGAP39; ARHGAP39 antibody is predicted to not cross-react with other RhoGAP protein family members.

**Reconstitution & Storage**

ARHGAP39 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.

**Precautions**

ARHGAP39 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**ARHGAP39 Antibody - Protein Information****Name** ARHGAP39**Synonyms** KIAA1688**Cellular Location**

Nucleus.

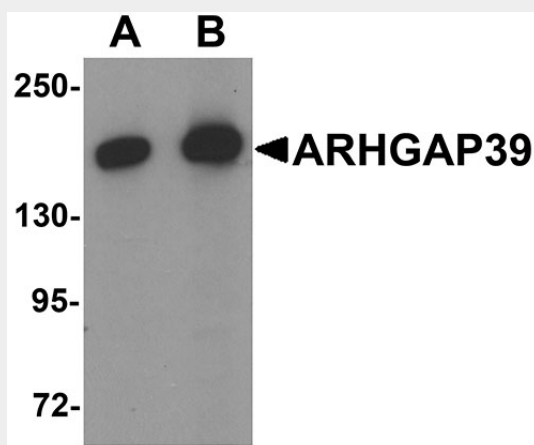
**ARHGAP39 Antibody - Protocols**

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](#)

### ARHGAP39 Antibody - Images



Western blot analysis of ARHGAP39 in A20 cell lysate with ARHGAP39 antibody at (A) 1 and (B) 2  $\mu$ g/mL

### ARHGAP39 Antibody - Background

ARHGAP39 Antibody: Rho GTPases are important regulators of the actin cytoskeleton and consequently influence the shape and migration of cells. GTPase-activating proteins (GAPs) accelerate the intrinsic rate of GTP hydrolysis of Ras-related proteins. ARHGAP39 (Rho GTPase activating protein 39) is a 1,083 amino acid nuclear protein that contains one MyTH4 domain, one Rho GAP domain and two WW domains. It is encoded by a gene located on human chromosome 8, which is associated with a variety of diseases and malignancies. ARHGAP39 regulates robo signaling and plays important roles in axon guidance.

### ARHGAP39 Antibody - References

Takai Y, Sasaki T, and Matozaki T. Small GTP-binding proteins. *Physiol. Rev.* 2001; 81:153-208.  
Hu H, Li M, Labrador JP, et al. Cross GTPase-activating protein (CrossGAP)/Vilse links the Roundabout receptor to Rac to regulate midline repulsion. *Proc. Natl. Acad. Sci. USA* 2005; 102:4613-8  
Nusbaum C, Mikkelsen TS, Zody MC, et al. DNA sequence and analysis of human chromosome 8. *Nature* 2006; 439:331-5  
Lundström A, Gallio M, Englund C, et al. Vilse, a conserved Rac/Cdc42 GAP mediating Robo repulsion in tracheal cells and axons. *Genes Dev.* 2004; 18:2161-71.