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ARHGAP39 Antibody
Catalog # ASC11361

Specification

ARHGAP39 Antibody - Product Information

Application	**WB, E**
Primary Accession	Q9C0H5
Other Accession	NP_079527, 58331179
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℃ for three months and -20℃, 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

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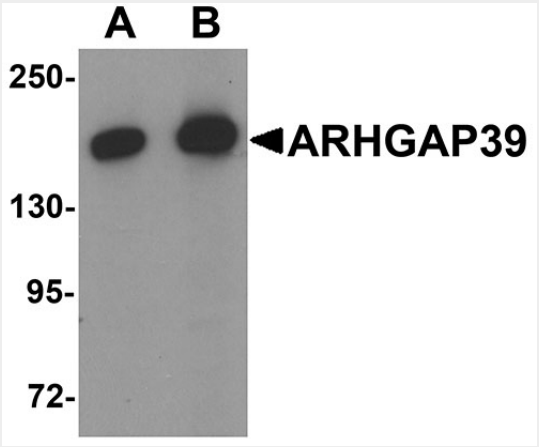
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ARHGAP39 Antibody - Images



Western blot analysis of ARHGAP39 in A20 cell lysate with ARHGAP39 antibody at (A) 1 and (B) 2 µg/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.