

ARHGAP10 Polyclonal antibody

Catalog Number: 55139-1-AP

Featured Product

11 Publications

Basic Information

Catalog Number:

55139-1-AP

Size:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_024605

GeneID (NCBI):

79658

UNIPROT ID:

A1A4S6

Full Name:

Rho GTPase activating protein 10

Calculated MW:

89 kDa

Observed MW:

89 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: mouse heart tissue, HEK-293 cells, human heart tissue, mouse kidney tissue

IHC: human heart tissue, human skeletal muscle tissue

Background Information

ARHGAP10, also named as GRAF2, is GTPase activator for the small GTPases RhoA and Cdc42 by converting them to an inactive GDP-bound state. It is essential for PTKB2 regulation of cytoskeletal organization via Rho family GTPases. ARHGAP10 inhibits PAK2 proteolytic fragment PAK-2p34 kinase activity and changes its localization from the nucleus to the perinuclear region. It stabilizes PAK-2p34 thereby increasing stimulation of cell death. The antibody is specific to ARHGAP10.

Notable Publications

Author	Pubmed ID	Journal	Application
Bowen Li	29246308	Mol Ther Nucleic Acids	WB
Zishu Wang	31789419	Mol Med Rep	WB, IHC
Justine Maurin	34869381	Front Cell Dev Biol	WB

Storage

Storage:

Store at -20°C.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

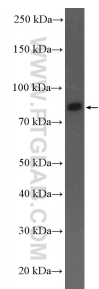
T: 4006900926

E: Proteintech-CN@ptglab.com

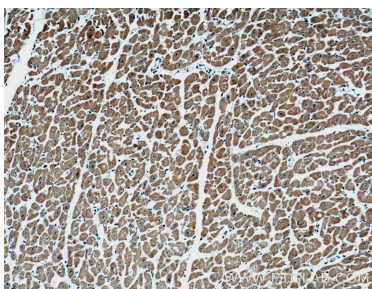
W: ptgcn.com

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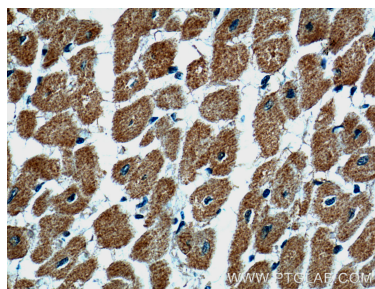
Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 55139-1-AP (ARHGAP10 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 55139-1-AP (ARHGAP10 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 55139-1-AP (ARHGAP10 Antibody) at dilution of 1:200 (under 40x lens).