

ARHGAP42
Purified Mouse Monoclonal Antibody
Catalog # AO2509a**Specification**

ARHGAP42 - Product Information

Application	E, WB
Primary Accession	A6NI28
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Calculated MW	98.6kDa KDa
Immunogen	

Purified recombinant fragment of human ARHGAP42 (AA: 577-719) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

ARHGAP42 - Additional Information

Gene ID 143872

Other Names

GRAF3

Dilution

E~~ 1/10000

WB~~ 1/500 - 1/2000

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ARHGAP42 is for research use only and not for use in diagnostic or therapeutic procedures.

ARHGAP42 - Protein Information

Name ARHGAP42 ([HGNC:26545](#))

Function

May influence blood pressure by functioning as a GTPase- activating protein for RHOA in vascular smooth muscle.

Tissue Location

Highly and selectively expressed in smooth muscle cells.

ARHGAP42 - 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](#)

ARHGAP42 - Images

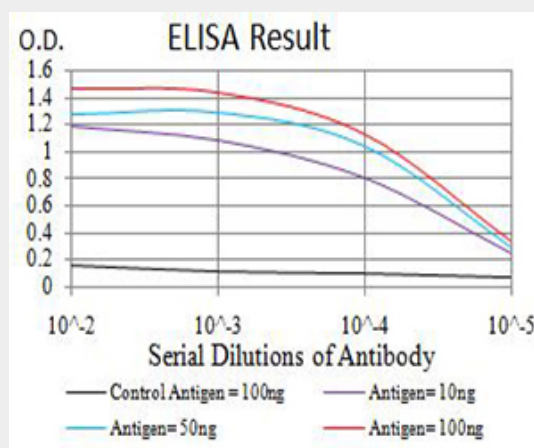


Figure 1: Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

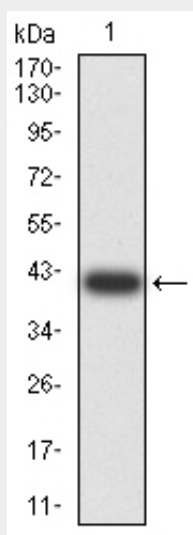


Figure 2: Western blot analysis using ARHGAP42 mAb against human ARHGAP42 (AA: 577-719) recombinant protein. (Expected MW is 41.4 kDa)

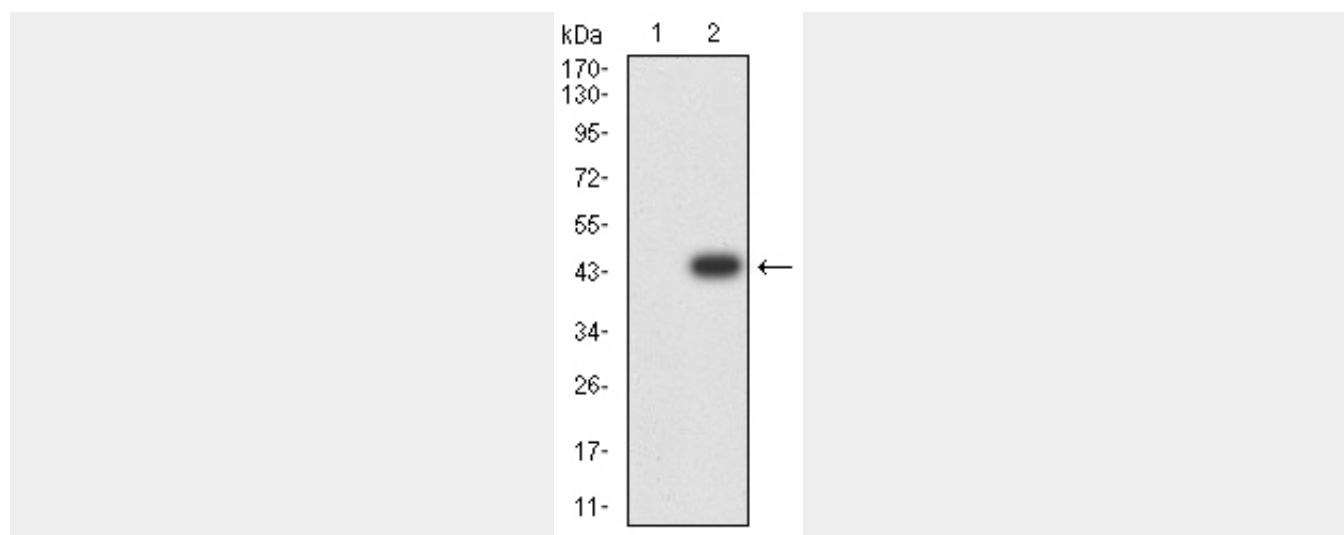


Figure 3: Western blot analysis using ARHGAP42 mAb against HEK293 (1) and ARHGAP42 (AA: 577-719)-hlgGfC transfected HEK293 (2) cell lysate.

ARHGAP42 - References

1. Nat Commun. 2013;4:2910. 2. Biochem J. 2009 Jan 1;417(1):371-7.