

ARHGAP22 Polyclonal Antibody

Catalog # AP68501

Specification

ARHGAP22 Polyclonal Antibody - Product Information

Application Primary Accession	WB 0775H3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

ARHGAP22 Polyclonal Antibody - Additional Information

Gene ID 58504

Other Names ARHGAP22; RHOGAP2; Rho GTPase-activating protein 22; Rho-type GTPase-activating protein 22

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions -20°C

ARHGAP22 Polyclonal Antibody - Protein Information

Name ARHGAP22

Synonyms RHOGAP2

Function

Rho GTPase-activating protein involved in the signal transduction pathway that regulates endothelial cell capillary tube formation during angiogenesis. Acts as a GTPase activator for the RAC1 by converting it to an inactive GDP-bound state. Inhibits RAC1- dependent lamellipodia formation. May also play a role in transcription regulation via its interaction with VEZF1, by regulating activity of the endothelin-1 (EDN1) promoter (By similarity).

Cellular Location

Cytoplasm. Nucleus. Note=Mainly cytoplasmic. Some fraction is nuclear (By similarity)

ARHGAP22 Polyclonal Antibody - Protocols



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

- <u>Western Blot</u>
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

ARHGAP22 Polyclonal Antibody - Images



ARHGAP22 Polyclonal Antibody - Background

Rho GTPase-activating protein involved in the signal transduction pathway that regulates endothelial cell capillary tube formation during angiogenesis. Acts as a GTPase activator for the RAC1 by converting it to an inactive GDP-bound state. Inhibits RAC1-dependent lamellipodia formation. May also play a role in transcription regulation via its interaction with VEZF1, by regulating activity of the endothelin-1 (EDN1) promoter (By similarity).