Recombinant RAP1A+RAP1B Monoclonal Antibody

catalog number: AN301751L

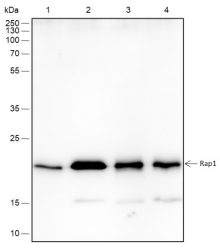
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human RAP1A+RAP1B fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A459
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000-1:2000
IF	1:50
IP	1:25-1:50

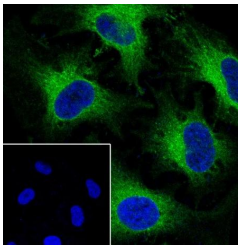
Data



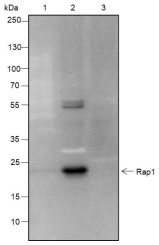
Western Blot with RAP1A+RAP1B Monoclonal Antibody at dilution of 1:2000. Lane 1: HEK-293, Lane 2: C6, Lane 3: NIH/3T3, Lane 4: Mouse brain, Lane 5: Rat brain

Observed-MW:21 kDa

Calculated-MW:21 kDa



Immunofluorescent analysis of (4% Paraformaldehyde) fixed HeLa cells using anti-RAP1A+RAP1B Monoclonal Antibody at dilution of 1:50.



Immunoprecipitation analysis using anti-RAP1A+RAP1B Monoclonal Antibody. Western blot was performed from the immunoprecipitate using RAP1A+RAP1B Monoclonal Antibody at a dilution of 1:50. Lane 1: 10% Input, Lane 2: RAP1A+RAP1B Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

Observed-MW:21 kDa

Calculated-MW:21 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

For Research Use Only

Background

Rap1 is a member of the Ras family of small GTPases. It undergoes a change in conformational state and activity, depending on whether it is bound to GTP or GDP. This protein is activated by several types of guanine nucleotide exchange factors (GEFs), and inactivated by two groups of GTPase-activating proteins (GAPs). The activation status of Rap1 is therefore affected by the balance of intracellular levels of GEFs and GAPs. This protein regulates signaling pathways that affect cell proliferation and adhesion, and may play a role in tumor malignancy.

Toll-free: 1-888-852-8623
Web: www.elabscience.com
Tel: 1-832-243-6086
Email: techsupport@elabscience.com
Fax: 1-832-243-6017