
Product Name: RhoA/B/C Rabbit Polyclonal Antibody**Catalog #: APRab01318**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,FC 1:50-1:100
Molecular Weight	Calculated MW: 22 kDa; Observed MW: 22 kDa

Antigen Information

Gene Name	RHOA/RHOB/RHOC
Alternative Names	ARH12; ARH6; ARH9; ARHA; ARHA2; H12; RHO12; Transforming protein RhoA; RHOA; RHOB; RHOC
Gene ID	387/388/389
SwissProt ID	P61586/P62745/P08134
Immunogen	

Background

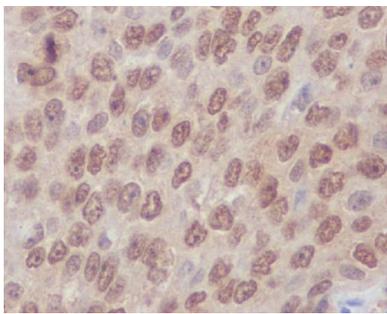
RhoA,RhoB,RhoC is a small G protein of the Rho family. Regulates a signal transduction pathway linking plasma membrane

receptors to the assembly of focal adhesions and actin stress fibers. The three mammalian Rho proteins (A, B and C) are approximately 30% homologous to Ras and are expressed in a wide range of cell types. Both Ras p21 and Rho p21, as well as other members of the Ras superfamily, contain a carboxy terminal CAAX sequence (C, cysteine; A, aliphatic amino acid; X, any amino acid) which in the case of Ras has been shown to be essential for correct localization and function.

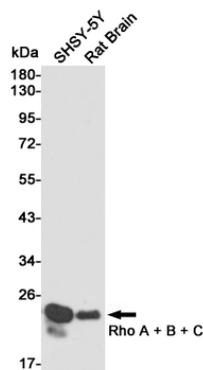
Research Area

Signal Transduction

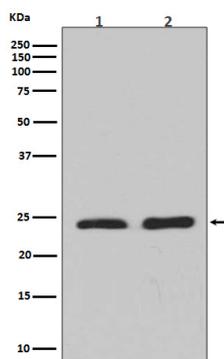
Image Data



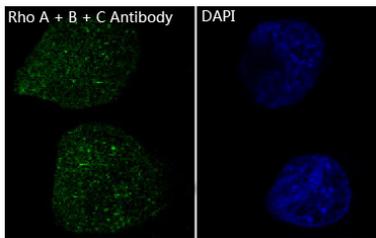
Immunohistochemistry analysis of paraffin-embedded Human lung carcinoma using Rho A + B + C antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Rho A + B + C in SH-SY5Y and rat Brain lysates using Rho A + B + C antibody.



Western blot analysis of Rho A + B + C expression in (1) Jurkat lysates; (2) NIH/3T3 lysates using RhoA/B/C antibody



Immunofluorescent analysis of RhoA/B/C in HeLa using RhoA/B/C antibody.