Anti-RhoA/B/C Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P012957

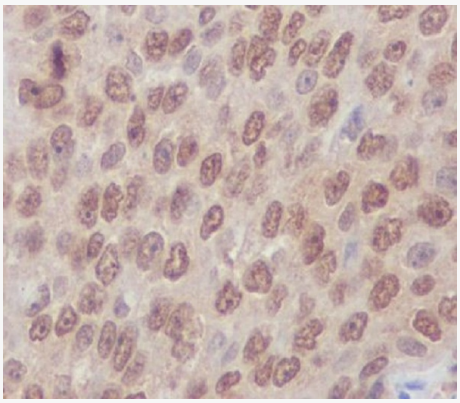
Product Information

Application	WB, IHC-P/IF (Tissue-P), ICC/IF (Cell), FC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; FC 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Rho A + B + C
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-RhoA/B/C antibody is for research use only and not for use in diagnostic or therapeutic procedures.

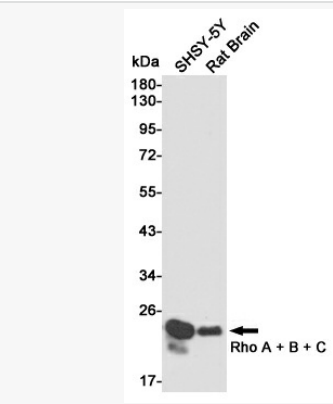
Protein Information

Synonyms	ARH12, ARH6, ARH9, ARHA, ARHA2, H12, RHO12, Transforming protein RhoA, RHOA, RHOB, RHOC.
Calculated MW	Calculated MW: 22 kDa; Observed MW: 22 kDa
Uniprot ID	P61586, P62745, P08134
Gene ID	387/388/389
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.

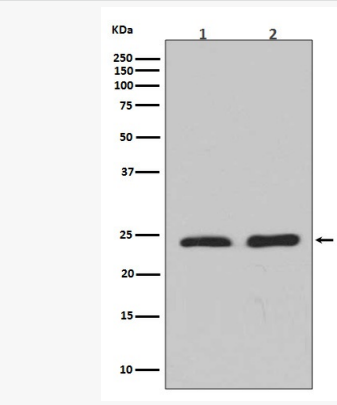
Validation Images



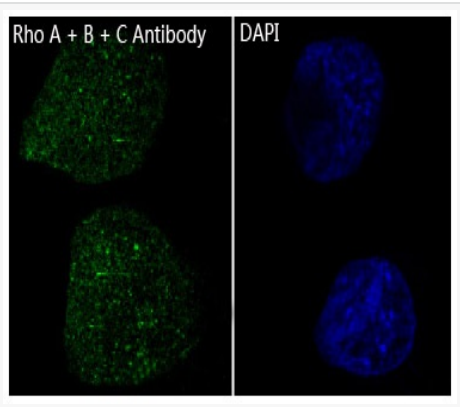
Immunohistochemistry analysis of paraffin-embedded Human lung carcinoma using Rho A + B + C antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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.