

Rabbit RhoA Monoclonal Antibody | anti-RHOA antibody

RhoA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312285	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

RhoA; Monoclonal Antibody; RhoA Antibody; Aplysia ras related homolog 12 antibody; ARH12 antibody; ARHA antibody; H 12 antibody; H12 antibody; Oncogene RHO H12 antibody; Ras homolog family member A antibody; Ras homolog gene family member A antibody; Rho A antibody; Rho cDNA clone 12 antibody; RHO H12 antibody; RHO12 antibody; RHOA antibody; RHOA_HUMAN antibody; RHOH12 antibody; Small GTP binding protein Rho A antibody; Transforming protein Rho A antibody; Transforming protein RhoA antibody; anti-RHOA antibody

PRODUCT SPECIFICATIONS

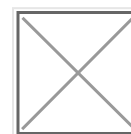
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SN0612
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-RHOA antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



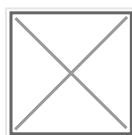
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HeLa cells with RhoA antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



ICC (Immunocytochemistry)

ICC staining RhoA in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of RhoA on rat brain lysates using anti-RhoA antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-RHOA antibody	The Ras p21 family of guanine nucleotide proteins has been widely studied in view of its apparent role in signal transduction pathways and high frequency of mutations in human malignancies. It is now clear, however, that the Ras proteins (H-, K- and N-Ras p21) are members of a much larger superfamily of related proteins. Six members of this family, Rap 1A, Rap 1B, Rap 2, R-Ras, Ral A and Ral B, exhibit approximately 50% amino acid homology to Ras. The six mammalian Rho proteins (Rho A, B, C, G, 7 and 8) 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.
Product Categories/Family for anti-RHOA antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	47606458
NCBI GeneID	387
UniProt Accession #	P61586; P06749; Q53HM4; Q5U024; Q9UDJ0; Q9UEJ4
Molecular Weight	193
NCBI Official Full Name	Transforming protein RhoA
NCBI Official Synonym Full Names	ras homolog family member A
NCBI Official Symbol	RHOA
NCBI Official Synonym Symbols	ARHA; ARH12; RHO12; RHOH12
NCBI Protein Information	transforming protein RhoA; h12; oncogene RHO H12; rho cDNA clone 12; Aplysia ras-related homolog 12; small GTP binding protein RhoA; ras homolog gene family, member A
UniProt Protein Name	Transforming protein RhoA
UniProt Gene Name	RHOA
UniProt Synonym Gene Names	ARH12; ARHA; RHO12; h12
UniProt Entry Name	RHOA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.