

Datasheet for ABIN6988999
anti-RHOA antibody (AA 101-180)



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Overview

Quantity:	100 µL
Target:	RHOA
Binding Specificity:	AA 101-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RHOA antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RhoA
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	RHOA
Alternative Name:	RhoA (RHOA Products)
Background:	Synonyms: RhoA protein, Aplysia ras related homolog 12, ARH 12, ARH12, ARHA, H 12,

Target Details

Oncogene RHO H12, Ras homolog gene family member A, RHO 12, Rho A, RHO H12, RHO12, RHOH 12, RHOH12, Small GTP binding protein Rho A, Small GTP binding protein RhoA, Transforming protein Rho A, Transforming protein RhoA.

Background: This gene encodes a member of the Rho family of small GTPases, which cycle between inactive GDP-bound and active GTP-bound states and function as molecular switches in signal transduction cascades. Rho proteins promote reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility. The protein encoded by this gene is prenylated at its C-terminus, and localizes to the cytoplasm and plasma membrane. It is thought to be important in cell locomotion. Overexpression of this gene is associated with tumor cell proliferation and metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Gene ID:	387
UniProt:	P61586
Pathways:	Microtubule Dynamics , WNT Signaling , Neurotrophin Signaling Pathway , Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling , Regulation of Actin Filament Polymerization , Cell-Cell Junction Organization , Positive Regulation of Endopeptidase Activity , Signaling Events mediated by VEGFR1 and VEGFR2 , Thromboxane A2 Receptor Signaling , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	IHC-P 1:200-400
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months