

Datasheet for ABIN6281162
anti-RHOA antibody (AA 130-210)



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Overview

Quantity:	50 µL
Target:	RHOA
Binding Specificity:	AA 130-210
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RHOA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	<p>Rho A is a protein encoded by the RHOA gene which is approximately 21,7 kDa. Rho A is localised to the cell membrane and cytoplasm. It is involved in p75 NTR receptor-mediated signalling, semaphorin interactions, the S1P3 pathway, blood-brain barrier and immune cell transmigration. This protein falls under 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. It promotes the reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility. Rho A is expressed in the nervous system, blood, eye, intestine and lung. Mutations in the RHOA gene may result in colorectal cancer and cervix carcinoma. STJ95442 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of Rho A protein.</p>
Immunogen:	Synthesized peptide derived from human Rho A around the non-phosphorylation site of S188.

Product Details

Isotype:	IgG
Specificity:	Rho A Polyclonal Antibody detects endogenous levels of Rho A protein.
Characteristics:	Rabbit polyclonal to Rho A.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	RHOA
Alternative Name:	Rho A (RHOA Products)
Molecular Weight:	22 kDa
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:	WB 1:500-1:2000 IHC 1:100-1:300 ELISA 1:5000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C, and avoid repeat freeze-thaw cycles.