Datasheet for ABIN7606201

anti-ROCK2 antibody

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Overview

Quantity:	100 µL
Target:	ROCK2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This ROCK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-ROCK2 Monoclonal Antibody
Immunogen:	A synthesized peptide derived from human ROCK2 Regulates the assembly of the actin cytoskeleton. Promotes formation of stress fibers and of focal adhesion complexes. Plays a role in smooth muscle contraction.
Clone:	ACDH-18
Isotype:	IgG
Characteristics:	Anti-ROCK2 Monoclonal Antibody (ABIN7606201). Tested in WB, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Purification:	Affinity-chromatography

Target Details

Target:	ROCK2

Target Details

Alternative Name:	ROCK2 (ROCK2 Products)
Background:	Synonyms: Glutathione peroxidase 1,GPx-1,GSHPx-1,1.11.1.9,Cellular glutathione peroxidase,GPX1, Tissue Specificity: Found in neuronal cell bodies and processes throughout the neocortex (at protein level). Expressed in neurons and cells of the diffuse neuroendocrine system and their tumors. Weakly expressed in ovary. Down-regulated in brains from Parkinson disease and Alzheimer disease patients. .
Molecular Weight:	161 kDa
UniProt:	O75116
Pathways:	Microtubule Dynamics, WNT Signaling, Tube Formation

Application Details

Application Notes:	WB 1:1000-1:5000 ICC/IF 1:50-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL
Concentration:	Lot specific
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol, 0.4-0.5 mg/mL BSA.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.