

Datasheet for ABIN783448
anti-ROCK2 antibody (Center)



[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mg
Target:	ROCK2
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ROCK2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	15 amino acid peptide near the center of human ROC
Specificity:	This antibody detects ROCK2 at Center. Three isoforms of ROCK2 are known to exist, this antibody recognizes all three isoforms. ROCK2 antibody is predicted to not cross-react with other ROCK protein family members.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	ROCK2
Alternative Name:	ROCK2 (ROCK2 Products)

Target Details

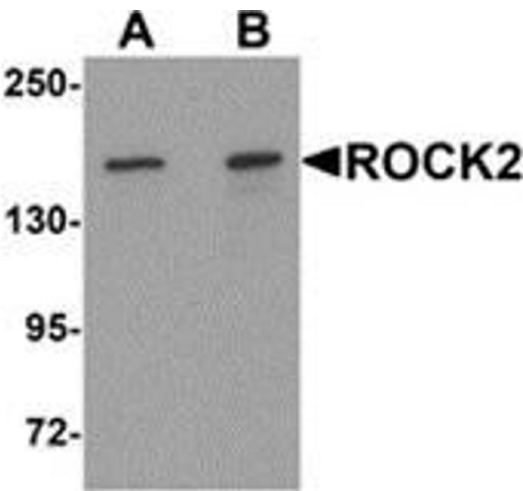
Background:	ROCK2 is a member of the AGC serine/threonine protein kinase family that regulates the assembly of the actin cytoskeleton. ROCK2 contains a protein kinase domain, a coiled-coil region and a zinc finger region and appears to be present as a dimer. ROCK2, like its isozyme ROCK1, is a downstream target of the small G-protein Rho and plays a role in smooth muscle contraction, malignant cell transformation, tumor invasion and metastasis, and mediates the cellular morphological changes during apoptosis.Synonyms: KIAA0619, ROCK-2, Rho kinase 2, Rho-associated, Rho-associated protein kinase 2, coiled-coil-containing protein kinase 2, p164ROCK-2
Gene ID:	9475
NCBI Accession:	NP_004841
UniProt:	O75116
Pathways:	Microtubule Dynamics , WNT Signaling , Tube Formation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of ROCK2 in mouse brain tissue lysate with ROCK2 antibody at (A) 1 and (B) 2 μ g/ml