

## ROCK1 Rabbit pAb

db1651

Package : 20µL 50µL 100µL

**Product Name** : ROCK1 Rabbit pAb**Cat.No.:** db1651**Synonyms** : ROCK-I; P160ROCK**Application** : WB, IHC, ICC/IF, FC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

This gene encodes a protein serine/threonine kinase that is activated when bound to the GTP-bound form of Rho. The small GTPase Rho regulates formation of focal adhesions and stress fibers of fibroblasts, as well as adhesion and aggregation of platelets and lymphocytes by shuttling between the inactive GDP-bound form and the active GTP-bound form. Rho is also essential in cytokinesis and plays a role in transcriptional activation by serum response factor. This protein, a downstream effector of Rho, phosphorylates and activates LIM kinase, which in turn, phosphorylates cofilin, inhibiting its actin-depolymerizing activity. A pseudogene, related to this gene, is also located on chromosome 18. [provided by RefSeq, Aug 2015]

**Immunogen**

A synthetic peptide of human ROCK1

**Gene ID**

6093

**Swiss Prot**

Q13464

**Synonyms**

ROCK-I; P160ROCK

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000

IHC: 1:50

ICC/IF: 1:50

FC: 1:100

IP: 1:20

**Calculated MW**

158 kDa

**Observed MW**

158 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

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