

## ROCK1(Thr455+Ser456) Antibody FITC Conjugated

Catalog No: #C00666F

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	ROCK1(Thr455+Ser456) Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human ROCK1 around the phosphorylation site of Thr455+Ser456
Conjugates	FITC
Target Name	SOD1
Other Names	p-ROCK1(Thr455 Ser456); p160 ROCK1; p160ROCK; Renal carcinoma antigen NY REN 35; Rho associated coiled coil containing protein kinase 1; Rho associated protein kinase 1; Rho-associated coiled-coil containing protein kinase 1; ROCK1_HUMAN.
Accession No.	NCBI Gene ID6647
Uniprot	P00441
GeneID	6647;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

ICC=1:50-200 IF=1:50-200

## Background

The protein encoded by this gene binds copper and zinc ions and is one of two isozymes responsible for destroying free superoxide radicals in the body. The encoded isozyme is a soluble cytoplasmic protein, acting as a homodimer to convert naturally-occurring but harmful superoxide radicals to molecular oxygen and hydrogen peroxide. The other isozyme is a mitochondrial protein. Mutations in this gene have been implicated as causes of familial amyotrophic lateral sclerosis. Rare transcript variants have been reported for this gene. [provided by RefSeq, Jul 2008]

Note: This product is for in vitro research use only