

# ROCK1(Thr455+Ser456) Antibody HRP Conjugated

Catalog No: #C00666H

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## Description

Product Name	ROCK1(Thr455+Ser456) Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human ROCK1 around the phosphorylation site of Thr455+Ser456
Conjugates	HRP
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
Concentration	1mg ml
Formulation	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% Gentamicin.
Storage	Store at 4C for 12 months.

## Application Details

Western blotting: 1:100-1000Immunohistochemistry1:100-500

## 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]

## Published Papers

el at., TMEM16A inhibits angiotensin II-induced basilar artery smooth muscle cell migration in a WNK1-dependent manner. In Acta Pharm Sin B on 2021 Dec by Huaqing Zheng, Xiaolong Li,et al..PMID:35024321, , (2021)

[PMID:35024321](https://pubmed.ncbi.nlm.nih.gov/35024321/)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.