

Datasheet for ABIN7269820  
**anti-RAC1 antibody**



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1 Image

## Overview

Quantity:	100 µL
Target:	RAC1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This RAC1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Purpose:	Rac1/2/3 Rabbit mAb
Immunogen:	A synthesized peptide derived from human Rac1/2/3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	RAC1
Abstract:	<a href="#">RAC1 Products</a>
Background:	The protein encoded by this gene is a GTPase which belongs to the RAS superfamily of small

## Target Details

GTP-binding proteins. Members of this superfamily appear to regulate a diverse array of cellular events, including the control of cell growth, cytoskeletal reorganization, and the activation of protein kinases. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009],MIG5, Rac-1, TC-25, p21-Rac1,B Cell Receptor Signaling Pathway,Cancer,Cell Biology & Developmental Biology,Cell Intrinsic Innate Immunity Signaling Pathway,Cytoskeleton,Cytoskeleton\_Actins,ErbB-HER Signaling Pathway,G protein signaling,G protein signaling\_Small G proteins,Immunology & Inflammation,Innate Immunity\_TLR Signaling,MAPK-Erk Signaling Pathway,MAPK-JNK Signaling Pathway,Neurodegenerative Diseases,Neuroscience,Protein phosphorylation,Signal Transduction,T Cell Receptor Signaling Pathway,Toll-like Receptor Signaling Pathway,Wnt/ $\beta$ -Catenin Signaling Pathway,RAC1

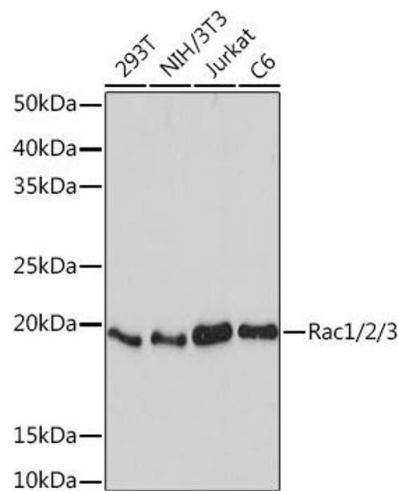
Molecular Weight:	21kDa
Gene ID:	5879
UniProt:	<a href="#">P63000</a> , <a href="#">P15153</a> , <a href="#">P60763</a>
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">Cell-Cell Junction Organization</a> , <a href="#">Thromboxane A2 Receptor Signaling</a> , <a href="#">VEGF Signaling</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using Rac1/2/3 Rabbit mAb (ABIN7269820) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.