

Datasheet for ABIN763211  
**anti-RAC1 antibody (AA 101-192)**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	RAC1
Binding Specificity:	AA 101-192
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAC1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RAC1/RAC2.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

## Target Details

Target:	RAC1
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## Target Details

Alternative Name:	Rac1+Rac2 ( <a href="#">RAC1 Products</a> )
Sub Type:	Cocktail
Background:	<p>Synonyms: MIG5, p21 Rac1, Rac 1, Rac-1, p21 Rac2, PAK1, Ras like protein TC25, Ras related C3 botulinum toxin substrate 1, Ras related C3 botulinum toxin substrate 2, RAC1_HUMAN, RAC2_HUMAN.</p> <p>Background: The protein encoded by this gene is a GTPase which belongs to the RAS superfamily of small 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].</p>
Gene ID:	5879, 5880
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:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

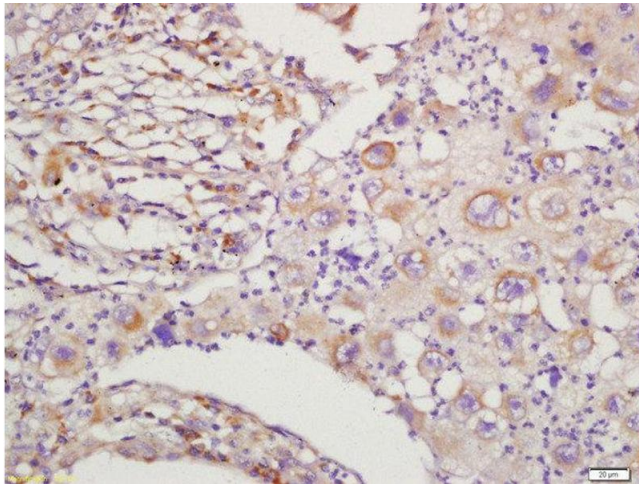
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C

## Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

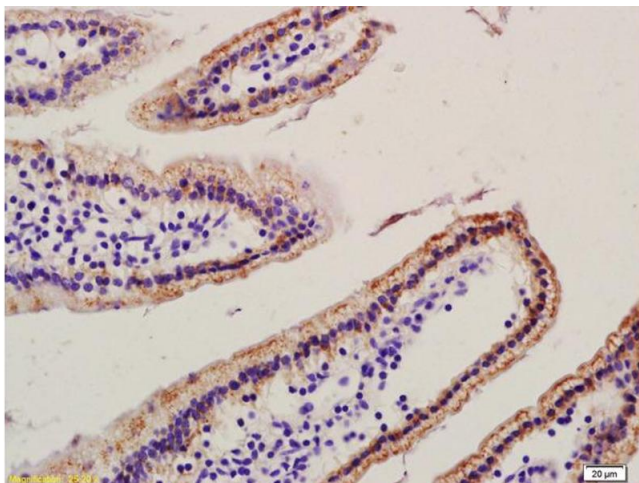
Expiry Date: 12 months

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin embedded human lung cancer labeled with Rabbit Anti-RAC1+RAC2 Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining



### Immunohistochemistry

**Image 2.** Formalin-fixed and paraffin embedded mouse intestine labeled with Anti-RAC1+RAC2 Polyclonal Antibody, Unconjugated (ABIN763211) at 1:200 followed by conjugation to the secondary antibody and DAB staining