

Datasheet for ABIN5009498

**anti-RAC1 antibody (AA 101-192) (AbBy Fluor® 680)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	RAC1
Binding Specificity:	AA 101-192
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAC1 antibody is conjugated to AbBy Fluor® 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## 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
Alternative Name:	RAC1+RAC2 ( <a href="#">RAC1 Products</a> )

## Target Details

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:	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:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months