



[Go to Product page](#)

Datasheet for ABIN7307134

## anti-RAC1 antibody

### 3 Images

#### Overview

Quantity:	100 µL
Target:	RAC1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

#### Product Details

Immunogen:	Recombinant full length protein of human Rac 1
Specificity:	Recognizes endogenous levels of Rac 1 protein.
Characteristics:	Rabbit polyclonal antibody to Rac 1
Purification:	The antibody was purified by immunogen affinity chromatography.

#### Target Details

Target:	RAC1
Alternative Name:	Rac 1 ( <a href="#">RAC1 Products</a> )
Background:	TC25, Ras-related C3 botulinum toxin substrate 1, Cell migration-inducing gene 5 protein, Ras-like protein TC25, p21-Rac1

## Target Details

Gene ID:	5879, 19353, 363875
UniProt:	<a href="#">P63000</a> , <a href="#">P63001</a> , <a href="#">Q6RUV5</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>

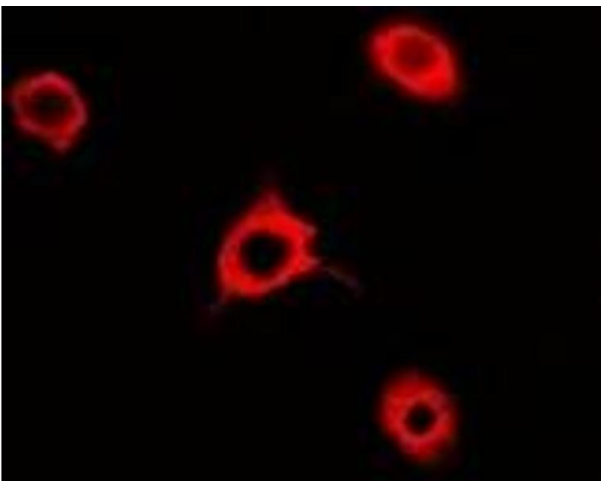
## Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:100)
Restrictions:	For Research Use only

## Handling

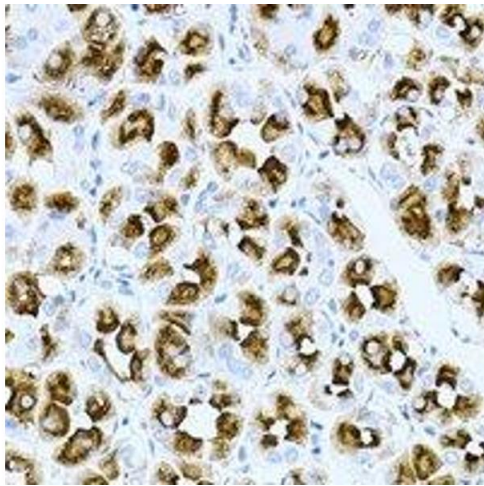
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

## Images



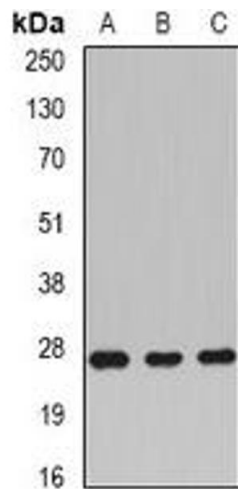
### Immunofluorescence

**Image 1.** Immunofluorescent analysis of Rac 1 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody



### Immunohistochemistry

**Image 2.** Immunohistochemical analysis of Rac 1 staining in human gastric cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated w



### Western Blotting

**Image 3.** Western blot analysis of Rac 1 expression in BT474 (A), mouse liver (B), rat brain (C) whole cell lysates.