

## Anti-RAC1 antibody (1-192) (STJ110031)

STJ110031

### GENERAL INFORMATION

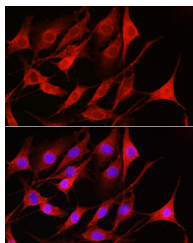
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

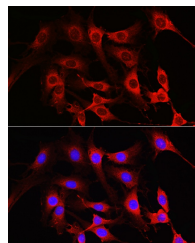
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution</b>	WB:1:500-1:1000
<b>Range</b>	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

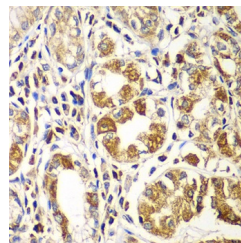
<b>Gene ID</b>	5879
<b>Gene Symbol</b>	RAC1
<b>Uniprot ID</b>	RAC1_HUMAN
<b>Immunogen</b>	
<b>Region</b>	1-192
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-192 of human Rac1/2/3 (NP_008839.2).
<b>Immunogen Sequence</b>	MQAIKCVVVG DGAVGKTCLL ISYTTNAFPGEYIPTVFDNY SANVMVDGKPVNLGLWDTAG QEDYDRLRPLSYPTQTDVFLI CFSLVSPASFENVRKWPY VRHHCNTPILVGTKLDLR DDKDTIEKLKEKKLTPTYP QGLAMAKEIGAVKYLECSAL TQRGLKTVFDEAIRAVLCPP PVKKRKRKCLLL



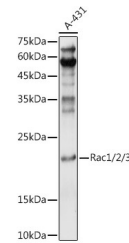
Immunofluorescence analysis of NIH-3T3 cells using Rac1/2/3 Rabbit polyclonal antibody (STJ110031) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using Rac1/2/3 Rabbit polyclonal antibody (STJ110031) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human gastric tissue using Rac1/2/3 antibody (STJ110031) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of A-431 cells, using Rac1/2/3 antibody (STJ110031) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081