

## Anti-Rac1/2/3/CDC42 antibody (10-90) (STJ95319)

STJ95319

### GENERAL INFORMATION

<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Ras-related C3 botulinum toxin substrate 1 and Ras-related C3 botulinum toxin substrate 2 and Ras-related C3 botulinum toxin substrate 3 and Cell division control protein 42 homolog (10-90) is suitable for use in Weste
<b>Applications</b>	WB, IHC-P, IF-P, 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>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
<b>Dilution Range</b>	WB 1:500-1:2000 IHC 1:100-1:300 ELISA 1:20000
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

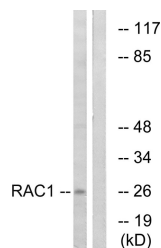
**Gene ID** [5881](#)  
[5880](#)  
[998](#)  
[RAC3](#)  
[RAC2](#)  
[RAC3\\_HUMAN](#)  
[RAC2\\_HUMAN](#)  
[CDC42\\_HUMAN](#)

**Immunogen** The antiserum was produced against synthesized peptide derived from human Rac1/CDC42 at amino acid range 38-87

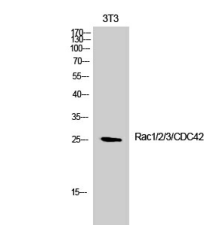
**Immunogen Region** 10-90

**Specificity** Rac1/2/3/CDC42 polyclonal antibody (Ras-related C3 botulinum toxin substrate 1 and Ras-related C3 botulinum toxin substrate 2 and Ras-related C3 botulinum toxin substrate 3 and Cell division control protein 42 homolog) binds to endogenous Ras-related

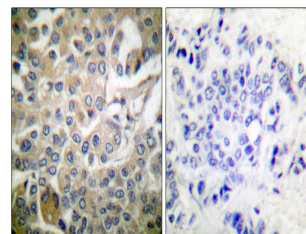
**Immunogen Sequence**



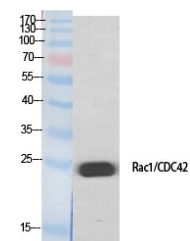
Western blot analysis of lysates from NIH/3T3 cells, treated with EGF 200ng/ml 30', using Rac1/CDC42 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of 3T3 cells using Rac1/2/3/CDC42 Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Rac1/CDC42 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of various cells using Rac1/2/3/CDC42 Polyclonal Antibody

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