

## Anti-Rac1/Cdc42 (Phospho-Ser71) Antibody

Catalog Number: A00119S71

### About CDC42

Participates in DNA repair and in chromosomal DNA replication.

Kesti T., J. Biol. Chem. 268:10238-10245(1993).

Syvaeoja J.E.;Submitted (JUN-1998) to the EMBL/GenBank/DDBJ databases.

Asahara H., Submitted (FEB-1996) to the EMBL/GenBank/DDBJ databases.

### Overview

|                      |                                                                                                                                                 |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-Rac1/Cdc42 (Phospho-Ser71) Antibody                                                                                                        |
| Reactive Species     | Human                                                                                                                                           |
| Description          | Boster Bio Anti-Rac1/Cdc42 (Phospho-Ser71) Antibody catalog # A00119S71. Tested in WB,ICC/IF,IHC applications. This antibody reacts with Human. |
| Application          | IF, IHC, ICC, WB                                                                                                                                |
| Clonality            | Polyclonal                                                                                                                                      |
| Formulation          | Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2                                                                          |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.      |
| Host                 | Rabbit                                                                                                                                          |
| Uniprot ID           | P60953                                                                                                                                          |

### Technical Details

|                            |                                                                                                        |
|----------------------------|--------------------------------------------------------------------------------------------------------|
| Immunogen                  | Synthesized peptide derived from human IKKbeta around the phosphorylation site of Y199.                |
| Predicted Reactive Species | Canine, Monkey                                                                                         |
| Cross Reactivity           | No cross reactivity with other proteins.                                                               |
| Isotype                    | IgG                                                                                                    |
| Form                       | Liquid                                                                                                 |
| Concentration              | 1 mg/ml                                                                                                |
| Purification               | ProA affinity purified                                                                                 |
| Suggested Dilutions        | Dilute the sample so that the expected range of concentrations fall within the detection range of this |

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:1,000

ICC: 1:50-1:200

IHC: 1:50-1:200

## Anti-Rac1/Cdc42 (Phospho-Ser71) Antibody (A00119S71) Images

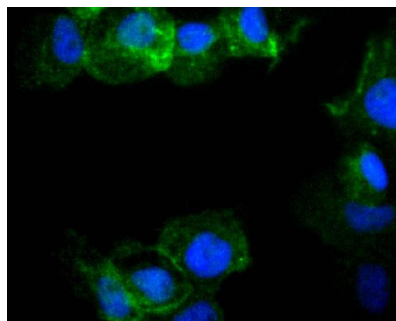


Figure 1. Immunocytochemistry staining of CDC42 using Anti-Rac1/Cdc42 (Phospho-Ser71) Antibody (A00119S71).

ICC staining Phospho-Rac1+Cdc42(Ser71) in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde

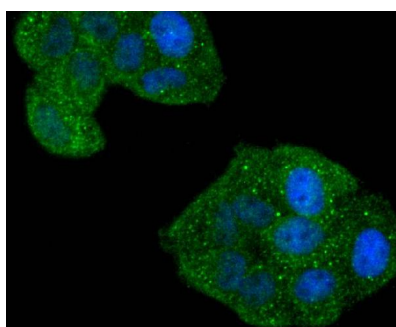


Figure 2. Immunocytochemistry staining of CDC42 using Anti-Rac1/Cdc42 (Phospho-Ser71) Antibody (A00119S71).

ICC staining Phospho-Rac1+Cdc42(Ser71) in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde

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