

## Rabbit anti-Human, Mouse RAF1/c-Raf Polyclonal Antibody | anti-RAF1/c-Raf antibody

Rabbit anti-RAF1/c-Raf Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                      |
|-----------|--------|--------------|-----------------------------------|
| AAA211512 | Rabbit | Human, Mouse | Immunoprecipitation, Western Blot |

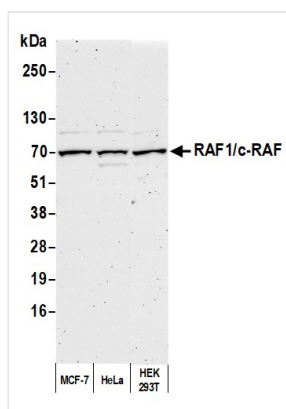
### PRODUCT SYNONYMS

RAF1/c-Raf; Polyclonal Antibody; Rabbit anti-RAF1/c-Raf Antibody; Affinity Purified; C-Raf proto-oncogene; serine/threonine kinase; v-raf-1 murine leukemia viral oncogene homolog 1; Raf-1; RAF proto-oncogene serine/threonine-protein kinase; raf proto-oncogene serine/threonine protein kinase; proto-oncogene c-RAF; NS5; v-raf-1 murine leukemia viral oncogene-like protein 1; c-Raf; CRAF; CMD1NN; Oncogene RAF1; Raf-1 proto-oncogene; anti-RAF1/c-Raf antibody

### PRODUCT SPECIFICATIONS

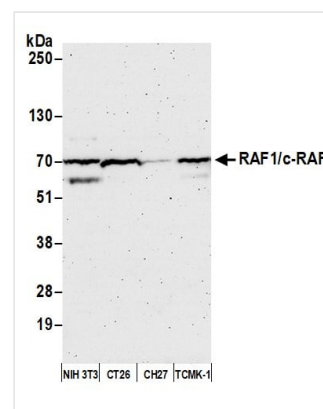
|                                                      |                                                                                    |
|------------------------------------------------------|------------------------------------------------------------------------------------|
| Host                                                 | Rabbit                                                                             |
| Reactivity                                           | Human, Mouse                                                                       |
| Clonality                                            | Polyclonal                                                                         |
| Purity/Purification                                  | Antigen Affinity Purified                                                          |
| Form/Format                                          | Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide |
| Concentration                                        | 200ug/ml (varies by lot)                                                           |
| Applicable Applications for anti-RAF1/c-Raf antibody | IP (Immunoprecipitation), WB (Western Blot)                                        |
| Predicted Reactivity                                 | Rat, Bovine, Orangutan                                                             |
| Immunogen                                            | Between 598 and C-terminus                                                         |
| Conjugation                                          | Unconjugated                                                                       |
| Preparation and Storage                              | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                   |

### IMAGES



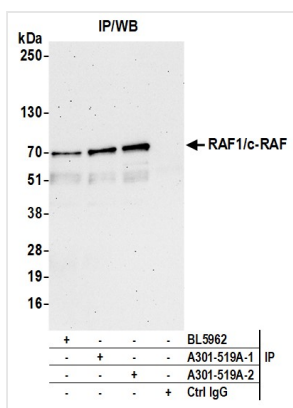
#### WB (Western Blot)

Detection of human RAF1/c-RAF by western blot. Samples: Whole cell lysate (50 ug) from MCF-7, HeLa, and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RAF1/c-RAF antibody (AAA211512 Lot 2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



#### WB (Western Blot)

Detection of mouse RAF1/c-RAF by western blot. Samples: Whole cell lysate (50 ug) from NIH 3T3, CT26, CH27, and TCMK-1 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RAF1/c-RAF antibody (AAA211512 Lot 2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



#### IP (Immunoprecipitation)

Detection of human RAF1/c-RAF by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RAF1/c-RAF antibody (AAA211512 Lot 2) used for IP at 4 ug per reaction. RAF1/c-RAF was also immunoprecipitated by a previous lot of this antibody (AAA211512 Lot 1) and rabbit anti-RAF1/c-RAF (BL5962). For blotting immunoprecipitated RAF1/c-RAF, AAA211512 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.

## ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-RAF1/c-Raf antibody | RAF1 is a mitogen activated kinase kinase kinase (MAPKKK). In response to extracellular signals, RAF1 phosphorylates the MEK1 and MEK2 MAP kinase kinases. MEK1 and MEK2 subsequently phosphorylate and activate the ERK1 and ERK2 MAP kinases to exert pleiotropic effects on cellular functions such as growth, division, differentiation, motility, and apoptosis. RAF1 associates with the Ras family of membrane GTPases and functions downstream of Ras activity. |
| Product Categories/Family for anti-RAF1/c-Raf antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4506401                                                                                                                                     |
| NCBI GeneID                      | 5894                                                                                                                                        |
| NCBI Accession #                 | NP_002871.1                                                                                                                                 |
| NCBI GenBank Nucleotide #        | NM_002880.3                                                                                                                                 |
| UniProt Accession #              | P04049; Q15278; Q9UC20; B0LPH8; B2R5N3                                                                                                      |
| Molecular Weight                 | 73,052 Da                                                                                                                                   |
| NCBI Official Full Name          | RAF proto-oncogene serine/threonine-protein kinase                                                                                          |
| NCBI Official Synonym Full Names | v-raf-1 murine leukemia viral oncogene homolog 1                                                                                            |
| NCBI Official Symbol             | RAF1                                                                                                                                        |
| NCBI Official Synonym Symbols    | NS5; CRAF; Raf-1; c-Raf                                                                                                                     |
| NCBI Protein Information         | RAF proto-oncogene serine/threonine-protein kinase; Oncogene RAF1; proto-oncogene c-RAF; raf proto-oncogene serine/threonine protein kinase |
| UniProt Protein Name             | RAF proto-oncogene serine/threonine-protein kinase                                                                                          |
| UniProt Gene Name                | <b>RAF1</b>                                                                                                                                 |
| UniProt Synonym Gene Names       | RAF; cRaf                                                                                                                                   |
| UniProt Entry Name               | RAF1_HUMAN                                                                                                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/polyclonal/raf1-c-raf-antibody-immunoprecipitation-western-blot-elisa/211512>