

## BRAF recombinant antibody

Phospho-BRAF (T401) Antibody

|                               |                       |                            |                                                                |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------------------|
| CATALOG #<br><b>AAA235526</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------------------|

### PRODUCT SYNONYMS

BRAF; Monoclonal Recombinant Antibody; Phospho-BRAF (T401) Antibody; Serine/threonine-protein kinase B-raf; Proto-oncogene B-Raf; p94; v-Raf murine sarcoma viral oncogene homolog B1; BRAF1; RAFB1; BRAF recombinant antibody

### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Host                                                  | Rabbit                                                                                         |
| Reactivity                                            | Human                                                                                          |
| Clonality                                             | Monoclonal                                                                                     |
| Isotype                                               | IgG                                                                                            |
| Purity/Purification                                   | Affinity-Chromatography                                                                        |
| Form/Format                                           | Liquid; In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Sequence Length                                       | 766                                                                                            |
| Applicable Applications for BRAF recombinant antibody | IF (Immunofluorescence), WB (Western Blot), ELISA                                              |
| Immunogen Species                                     | Human                                                                                          |
| Immunogen                                             | A synthesized peptide derived from human Phospho-BRAF (T401)                                   |
| Conjugate                                             | Non-Conjugated                                                                                 |
| Preparation and Storage                               | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                    |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with CSB-RA002791A401pH4U at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



#### WB (Western Blot)

Western Blot Positive WB detected in A549 whole cell lysate (treated with EGF or not) All lanes? Phospho-BRAF antibody at 1.3ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 85 KDa Observed band size: 85 KDa

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for BRAF recombinant antibody | Protein kinase involved in the transduction of mitogenic signals from the cell membrane to the nucleus. May play a role in the postsynaptic responses of hippocampal neuron. Phosphorylates MAP2K1, and thereby contributes to the MAP kinase signal transduction pathway. |
| Product Categories/Family for BRAF recombinant antibody   | Recombinant Antibody; Cell Biology                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 33188459                                                                                       |
| NCBI GeneID                      | 673                                                                                            |
| NCBI Accession #                 | NP_004324.2                                                                                    |
| NCBI GenBank Nucleotide #        | NM_004333.5                                                                                    |
| UniProt Accession #              | P15056; Q13878; Q3MIN6; Q9UDP8; Q9Y6T3; A4D1T4; B6HY61; B6HY62; B6HY63; B6HY64; B6HY65; B6HY66 |
| Molecular Weight                 | 84,437 Da                                                                                      |
| NCBI Official Full Name          | serine/threonine-protein kinase B-raf isoform 1                                                |
| NCBI Official Synonym Full Names | B-Raf proto-oncogene, serine/threonine kinase                                                  |
| NCBI Official Symbol             | BRAF                                                                                           |
| NCBI Official Synonym Symbols    | NS7; B-raf; BRAF1; RAFB1; B-RAF1                                                               |
| NCBI Protein Information         | serine/threonine-protein kinase B-raf                                                          |
| UniProt Protein Name             | Serine/threonine-protein kinase B-raf                                                          |
| UniProt Gene Name                | <b>BRAF</b>                                                                                    |
| UniProt Synonym Gene Names       | BRAF1; RAFB1                                                                                   |

**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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/braf-recombinant-antibody-immunofluorescence-western-blot-elisa/235526>