

## A-RAF Antibody | anti-A-RAF antibody

A-RAF (Phospho-Tyr302) Antibody

|                               |                                        |                                                                                      |
|-------------------------------|----------------------------------------|--------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA111824</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunofluorescence, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|--------------------------------------------------------------------------------------|

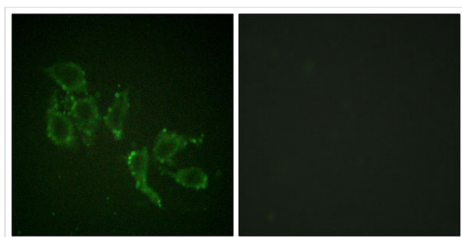
### PRODUCT SYNONYMS

A-RAF; A-RAF (Phospho-Tyr302) Antibody; A-Raf proto-oncogene serine/threonine-protein kinase; A-raf-1; ARAF; ARAF1; EC 2.7.11.1; PKS; PKS2; Proto-oncogene Pks; Raf; kinase A-Raf; anti-A-RAF antibody

### PRODUCT SPECIFICATIONS

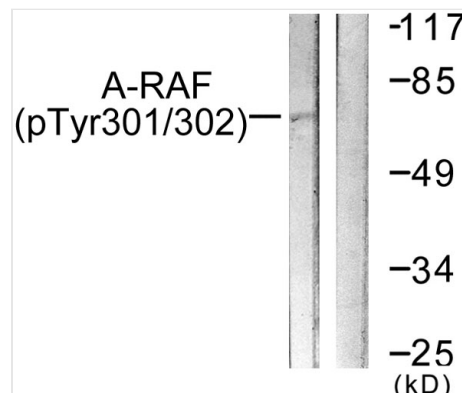
|                                                 |                                                                                                                                                                                                                                                     |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                   |
| Specificity                                     | A-RAF (Phospho-Tyr301/302) antibody detects endogenous levels of A-RAF only when phosphorylated at tyrosine 301/tyrosine 302.                                                                                                                       |
| Purity/Purification                             | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| Form/Format                                     | In phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                             |
| Sequence Length                                 | 609                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-A-RAF antibody | ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                       |
| Immunogen                                       | The antiserum was produced against synthesized phosphopeptide derived from human A-RAF around the phosphorylation site of tyrosine 301/tyrosine 302 (G-Y-YP-W-E).                                                                                   |
| All Sites                                       | Human: Tyr301/Tyr302<br>Mouse: Tyr299/Tyr300<br>Rat: Tyr299/Tyr300                                                                                                                                                                                  |
| Preparation and Storage                         | Store at -20 degree C for 1 year.                                                                                                                                                                                                                   |

### IMAGES



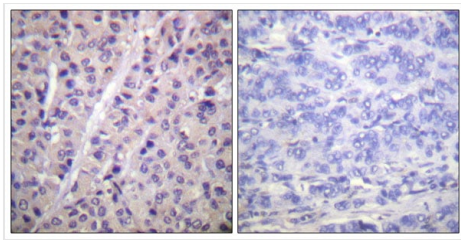
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of HepG2 cells, using A-RAF (Phospho-Tyr301/302) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using A-RAF (Phospho-Tyr301/302) antibody. Western blot analysis of extracts from HeLa cells, treated with PMA (125ng/ml, 30mins), using A-RAF (Phospho-Tyr301/302) antibody.



Application Data  
P-peptide-+

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                       |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-A-RAF antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells                                     |
| References                                        | Oliver G. Rössler. Am J Physiol Cell Physiol, May 2004; 286: C1118-C1129. Marie A. Bogoyevitch. J. Biol. Chem., Nov 1995; 270: 26303. Weicheng Liu. J. Biol. Chem., Mar 2004; 279: 10167-10175. M Huleihel. Mol. Cell. Biol., Jul 1986; 6: 2655-2662. |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GI #                        | 371875793                                       |
| NCBI GeneID                      | 369                                             |
| NCBI Accession #                 | NP_001243125.1                                  |
| NCBI GenBank Nucleotide #        | NM_001256196.1                                  |
| UniProt Accession #              | P10398; P07557; Q5H9B2; Q5H9B3                  |
| Molecular Weight                 | 20,904 Da                                       |
| NCBI Official Full Name          | serine/threonine-protein kinase A-Raf isoform 2 |
| NCBI Official Synonym Full Names | A-Raf proto-oncogene, serine/threonine kinase   |
| NCBI Official Symbol             | ARAF                                            |
| NCBI Official Synonym Symbols    | PKS2; A-RAF; ARAF1; RAFA1                       |
| NCBI Protein Information         | serine/threonine-protein kinase A-Raf           |
| UniProt Protein Name             | Serine/threonine-protein kinase A-Raf           |
| UniProt Gene Name                | <b>ARAF</b>                                     |
| UniProt Synonym Gene Names       | ARAF1; PKS; PKS2                                |

**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/human-mouse-rat-antibody/a-raf/111824>