

## Rabbit c-SRC Polyclonal Antibody | anti-c-SRC antibody

Rabbit anti-c-SRC Antibody

| CATALOG # | HOST   | REACTIVITY                                 | APPLICATIONS                                           |
|-----------|--------|--------------------------------------------|--------------------------------------------------------|
| AAA223821 | Rabbit | Human, Mouse, Rat, Chicken, Pig, Zebrafish | Immunofluorescence, Immunohistochemistry, Western Blot |

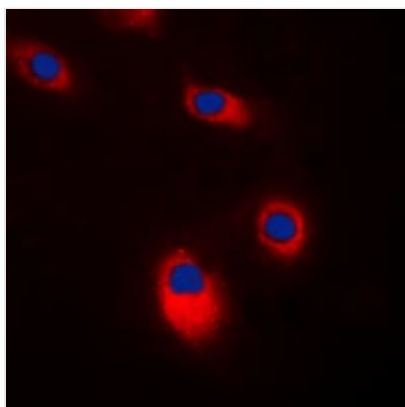
### PRODUCT SYNONYMS

c-SRC; Polyclonal Antibody; Rabbit anti-c-SRC Antibody; SRC1; Proto-oncogene tyrosine-protein kinase Src; Proto-oncogene c-Src; pp60c-src; p60-Src; anti-c-SRC antibody

### PRODUCT SPECIFICATIONS

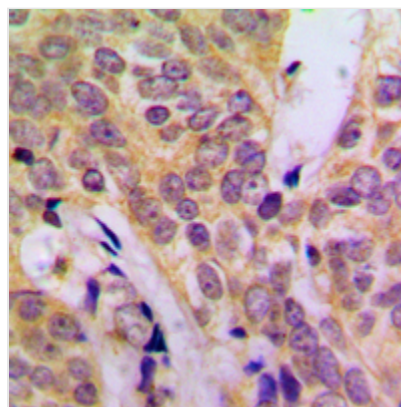
|                                                 |                                                                                                                                      |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                               |
| Reactivity                                      | Human, Mouse, Rat, Chicken, Pig, Zebrafish                                                                                           |
| Clonality                                       | Polyclonal                                                                                                                           |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                                      |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                            |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                                               |
| Applicable Applications for anti-c-SRC antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                               |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human c-SRC. The exact sequence is proprietary. |
| Preparation and Storage                         | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                            |

### IMAGES



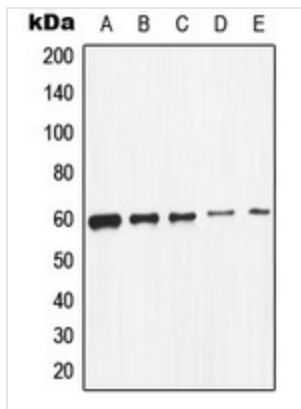
#### IF (Immunofluorescence)

Immunofluorescent analysis of c-SRC staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of c-SRC staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of c-SRC expression in K562 (A), HeLa (B), MCF7 (C), HepG2 (D), mouse primary astrocytes (E) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                   |                    |
|---------------------------------------------------|--------------------|
| Product Categories/Family for anti-c-SRC antibody | Primary antibodies |
|---------------------------------------------------|--------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4885609                                                                                                                                                     |
| NCBI GeneID                      | 6714                                                                                                                                                        |
| NCBI Accession #                 | NP_005408.1                                                                                                                                                 |
| NCBI GenBank Nucleotide #        | NM_005417.3                                                                                                                                                 |
| UniProt Accession #              | P12931; P05480; Q9WUD9                                                                                                                                      |
| Molecular Weight                 | 59,835 Da                                                                                                                                                   |
| NCBI Official Full Name          | proto-oncogene tyrosine-protein kinase Src                                                                                                                  |
| NCBI Official Synonym Full Names | v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)                                                                                           |
| NCBI Official Symbol             | SRC                                                                                                                                                         |
| NCBI Official Synonym Symbols    | ASV; SRC1; c-SRC; p60-Src                                                                                                                                   |
| NCBI Protein Information         | proto-oncogene tyrosine-protein kinase Src; proto-oncogene c-Src; tyrosine kinase pp60c-src; tyrosine-protein kinase SRC-1; protooncogene SRC, Rous sarcoma |
| UniProt Protein Name             | Proto-oncogene tyrosine-protein kinase Src                                                                                                                  |
| UniProt Gene Name                | <b>SRC</b>                                                                                                                                                  |
| UniProt Synonym Gene Names       | SRC1; p60-Src                                                                                                                                               |
| UniProt Entry Name               | SRC_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.

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