

## Rabbit anti-Human, Rat BRK Polyclonal Antibody | anti-BRK antibody

Rabbit anti-BRK (pY447) Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                     |
|-----------|--------|------------|----------------------------------|
| AAA220626 | Rabbit | Human, Rat | Immunofluorescence, Western Blot |

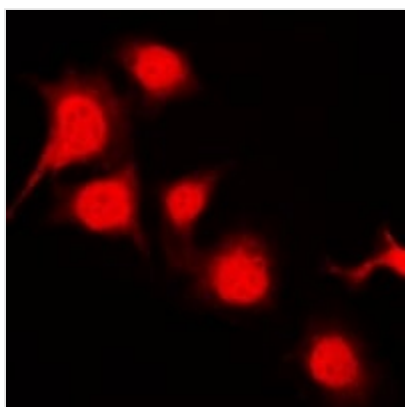
### PRODUCT SYNONYMS

BRK; Polyclonal Antibody; Rabbit anti-BRK (pY447) Antibody; Protein-tyrosine kinase 6; Breast tumor kinase; Tyrosine-protein kinase BRK; anti-BRK antibody

### PRODUCT SPECIFICATIONS

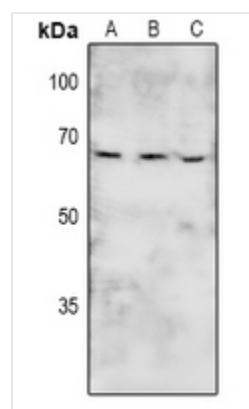
|                                               |                                                                                                                                    |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                             |
| Reactivity                                    | Human, Rat                                                                                                                         |
| 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-BRK antibody | IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                                               |
| Immunogen                                     | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human BRK. The exact sequence is proprietary. |
| Preparation and Storage                       | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                          |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of BRK (pY447) staining in NIH3T3 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 Alexa Fluor 647-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### WB (Western Blot)

Western blot analysis of BRK (pY447) expression in HEK293T (A), rat kidney (B), rat lung (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                 |                    |
|-------------------------------------------------|--------------------|
| Product Categories/Family for anti-BRK antibody | Primary antibodies |
|-------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 373432692                                                                                                                                   |
| NCBI GeneID                      | 5753                                                                                                                                        |
| NCBI Accession #                 | NP_001243287.1                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_001256358.1                                                                                                                              |
| UniProt Accession #              | Q13882; Q58F01; B2RCR3; B4DW46                                                                                                              |
| Molecular Weight                 | 51,834 Da                                                                                                                                   |
| NCBI Official Full Name          | protein-tyrosine kinase 6 isoform 2                                                                                                         |
| NCBI Official Synonym Full Names | protein tyrosine kinase 6                                                                                                                   |
| NCBI Official Symbol             | PTK6                                                                                                                                        |
| NCBI Official Synonym Symbols    | BRK                                                                                                                                         |
| NCBI Protein Information         | protein-tyrosine kinase 6; breast tumor kinase; protein-tyrosine kinase BRK; tyrosine-protein kinase BRK; PTK6<br>protein tyrosine kinase 6 |
| UniProt Protein Name             | Protein-tyrosine kinase 6                                                                                                                   |
| UniProt Gene Name                | <b>PTK6</b>                                                                                                                                 |
| UniProt Synonym Gene Names       | BRK                                                                                                                                         |
| UniProt Entry Name               | PTK6_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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