

## Brk (phospho Tyr447) Polyclonal Antibody

| Swiss-Prot No.:          | Q13882                                                                                                                |  |  |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------|--|--|
| Molecular Weight:        | 51.834                                                                                                                |  |  |
| Applications:            | WB,IF,ELISA                                                                                                           |  |  |
| Reactivity:              | Human                                                                                                                 |  |  |
| Purification:            | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |  |  |
| Immunogen:               | Synthesized peptide derived from human Brk around the phosphorylation site of Y447.                                   |  |  |
| Specificity/Sensitivity: | Phospho-Brk (Y447) Polyclonal Antibody detects endogenous levels of Brk protein only when phosphorylated at Y447.     |  |  |
| Other Names:             | PTK6; BRK; Protein-tyrosine kinase 6; Breast tumor kinase; Tyrosine-protein kinase BRK                                |  |  |
| Storage/Stability:       | -20°C/1 year                                                                                                          |  |  |
| Source:                  | Rabbit                                                                                                                |  |  |
| Form of Antibody:        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                               |  |  |
| Protein Concentration:   | 1 mg/ml                                                                                                               |  |  |

|            | 138=                                                                                                                   | 293 |              |  |
|------------|------------------------------------------------------------------------------------------------------------------------|-----|--------------|--|
|            | 100<br>70                                                                                                              |     |              |  |
|            | 55<br>40                                                                                                               | -   | p-Brk (Y447) |  |
|            | 35                                                                                                                     |     |              |  |
|            | 25                                                                                                                     |     |              |  |
|            |                                                                                                                        |     |              |  |
|            | 15                                                                                                                     |     |              |  |
|            |                                                                                                                        | EGF |              |  |
|            | Western Blot analysis of 293 cells using Phospho-Brk (Y447) Polyclonal Antibody                                        |     |              |  |
| Gene Name: | PTK6                                                                                                                   |     |              |  |
| Dilution:  | Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications. |     |              |  |