

## Product datasheet for **TA309994**

### ZAP70 Rabbit Polyclonal Antibody

#### Product data:

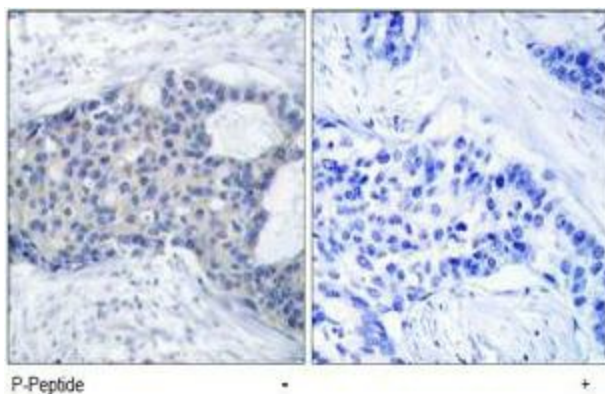
|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Applications:         | IHC  |
| Recommended Dilution: | IHC: 1:50~1:100  |
| Reactivity:           | Human, Mouse, Rat  |
| Modifications:        | Phospho-specific   |
| Host:                 | Rabbit   |
| Isotype:              | IgG  |
| Clonality:            | Polyclonal   |
| Immunogen:            | The antiserum was produced against synthesized phosphopeptide derived from human Zap-70 around the phosphorylation site of tyrosine 493 (S-Y-YP-T-A).  |
| Formulation:          | 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.   |
| Concentration:        | lot specific   |
| Purification:         | The antibody was 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. |
| Conjugation:          | Unconjugated   |
| Storage:              | Store at -20°C as received.  |
| Stability:            | Stable for 12 months from date of receipt.   |
| Gene Name:            | zeta chain of T cell receptor associated protein kinase 70kDa  |
| Database Link:        | <a href="#">NP_001070</a><br><a href="#">Entrez Gene 22637 Mouse</a> <a href="#">Entrez Gene 301348 Rat</a> <a href="#">Entrez Gene 7535 Human</a><br><a href="#">P43403</a>   |
| Synonyms:             | SRK; STCD; STD; TZK; ZAP-70  |
| Protein Families:     | Druggable Genome, Protein Kinase   |



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**Protein Pathways:** Natural killer cell mediated cytotoxicity, Primary immunodeficiency, T cell receptor signaling pathway

**Product images:**



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Zap-70 (phospho-Tyr493) antibody.