

## Product datasheet for **TA309993**

### ZAP70 Rabbit Polyclonal Antibody

#### Product data:

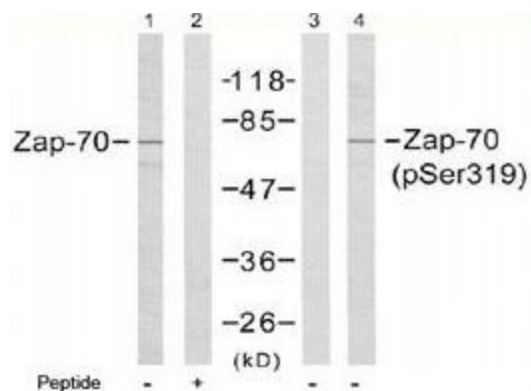
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from human Zap-70 around the phosphorylation site of tyrosine 319 (S-P-YP-S-D).
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> <a href="#">Entrez Gene 22637 Mouse</a> <a href="#">Entrez Gene 301348 Rat</a> <a href="#">Entrez Gene 7535 Human</a> <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:**



Western blot analysis of extracts from Jurkat cells, using Zap-70 antibody (Lanes 1 and 2) and Zap-70 (phospho-Tyr319) antibody (Lanes 3 and 4).