

Product datasheet for **TA325988**

ZAP70 Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB: 1:500-1:2000; IHC: 1:50-1:200 |
| Reactivity: | Human, Mouse, Rat |
| Modifications: | Phospho-specific |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The antiserum was produced against A synthesized peptide derived from human ZAP-70 around the phosphorylation site of Tyrosine 493 |
| Formulation: | Rabbit IgG in phosphate buffered saline , 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 peptide. |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 70 kDa |
| Gene Name: | zeta chain of T cell receptor associated protein kinase 70kDa |
| Database Link: | NP_001070 Entrez Gene 22637 MouseEntrez Gene 301348 RatEntrez Gene 7535 Human P43403 |
| Background: | ZAP70 (human) a tyrosine kinase of the Syk family. Associates with the T-cell antigen receptor zeta-chain after TCR stimulation. Phosphorylated by Src-family kinases following antigen receptor activation. Plays a role in lymphocyte activation. |
| Synonyms: | SRK; STCD; STD; TZK; ZAP-70 |

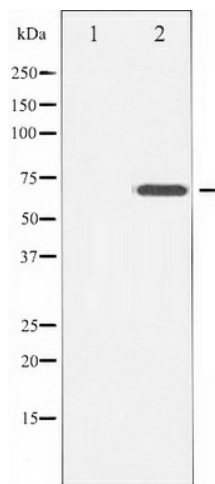


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Protein Families: Druggable Genome, Protein Kinase

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

Product images:



Western blot analysis of ZAP-70 phosphorylation expression in Jurkat whole cell lysates, The lane on the left is treated with the antigen-specific peptide.