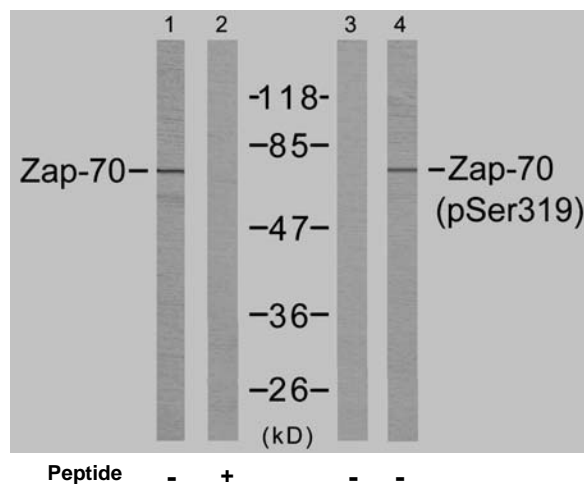


## Rabbit anti Zap70 (pTyr319)

- Catalog Number:** pAP11159  
**Amount:** 100µl (for 10 Western Blotting)  
**Swiss-Prot No. :** P43403  
**Form of Antibody:** Rabbit IgG in 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.  
**Storage/Stability:** Store at -20°C/1 year  
**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human Zap-70 around the phosphorylation site of tyrosine 319 (S-P-Y<sup>P</sup>-S-D).  
**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.  
**Specificity/Sensitivity:** Zap-70 (phospho-Tyr319) antibody detects endogenous levels of Zap-70 only when phosphorylated at tyrosine 319.  
**Reactivity:** Human, Mouse, Rat  
**Applications:** WB: 1:1000  
**References:** Salomon AR, et al. (2003) Proc Natl Acad Sci U S A; 100(2): 443-448  
Ku GM, et al. (2001) EMBO J; 20(3): 457-465  
Tang J, et al. (1999) Proc Natl Acad Sci U S A; 96(17): 9775-9780  
Zhao Q, et al. (1996) Mol Cell Biol; 16(12): 6765-6774  
Williams BL, et al. (1999) EMBO J; 18(7): 1832-1844



Western blot analysis of extract from Jurkat cells, using Zap-70 (Ab-319) antibody (AP21173, Line1 and 2) and Zap-70 (phospho-Tyr319) antibody (pAP11159, Line 3 and 4).

**For Research Use Only**

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