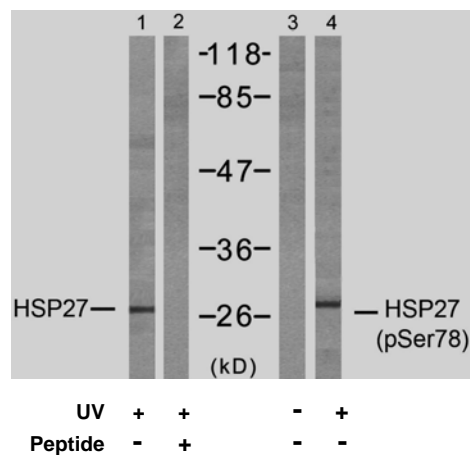


## Rabbit anti HSP27 (pSer78)

- Catalog Number:** pAP11247  
**Amount:** 100µl (for 10 Western Blotting)  
**Swiss-Prot No. :** P04792  
**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 HSP27 around the phosphorylation site of serine 78 (A-L-S<sup>P</sup>-R-Q).  
**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:** HSP27 (phospho-Ser78) antibody detects endogenous levels of HSP27 only when phosphorylated at serine 78.  
**Reactivity:** Human,  
**Applications:** WB: 1:1000  
**References:** J Landry, et al. (1992) J. Biol. Chem., Vol. 267, Issue 2: 794-803  
 Sita Somara, et al. (2004) Am J Physiol Cell Physiol 286: C1290-C1301  
 Catherine Gaitanaki, et al. (2003) Experimental Biology 206, 2759-2769 (2003)  
 Jing Dong, et al. (2004) Am J Physiol Renal Physiol 287: F1049-F1058



Western blot analysis of extracts from HeLa cells using HSP27 (Ab-78) antibody (AP21239, Lane 1 and 2) and HSP27 (phospho-Ser78) antibody (pAP11247, Lane 3 and 4).

**For Research Use Only**

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