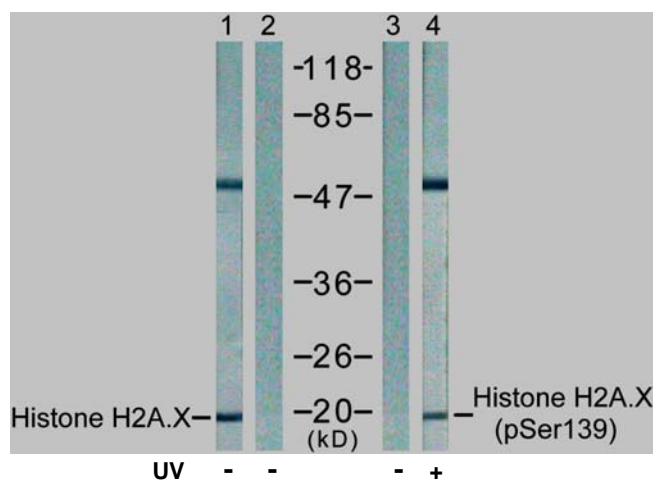


Rabbit anti Histone H2A.X (pSer139)

- Catalog Number:** pAP11268
Amount: 100µl (for 10 Western Blotting)
Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), 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 Histone H2A.X around the phosphorylation site of serine 139 (Q-A-S^P-Q-E).
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: Histone H2A.X (phospho-Ser139) antibody detects endogenous levels of Histone H2A.X only when phosphorylated at serine 139.
Reactivity: Human, Mouse, Rat
Applications: WB: 1:1000
Swiss-Prot No. : P16104
References: Yaneva M, et al. (2005) Nucleic Acids Res. 33(16): 5320-5330.
 Tsukuda T, et al.(2006) Nature. Author manuscript; available in PMC 2006 March 6.



Western blot analysis of extract from 293 cells untreated or treated with UV, using Histone H2A.X (Ab-139) antibody (AP21260, Lane 1 and 2) and Histone H2A.X (phospho- Ser139) antibody (pAP11268, Lane 3 and 4).

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Contact & Ordering Information: Angio-Proteomie, 11 Park Drive, Suite 12, Boston, MA 02215, USA. Fax: (480) 247-4337, angioproteomie@gmail.com