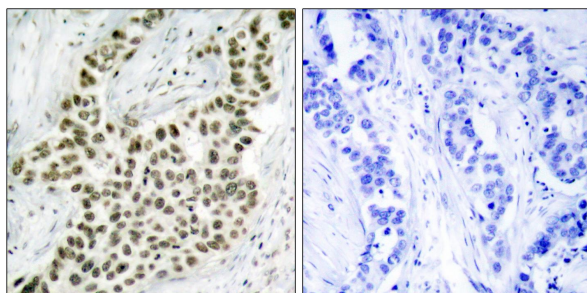




Histone H2A.X (Ab-139) Antibody

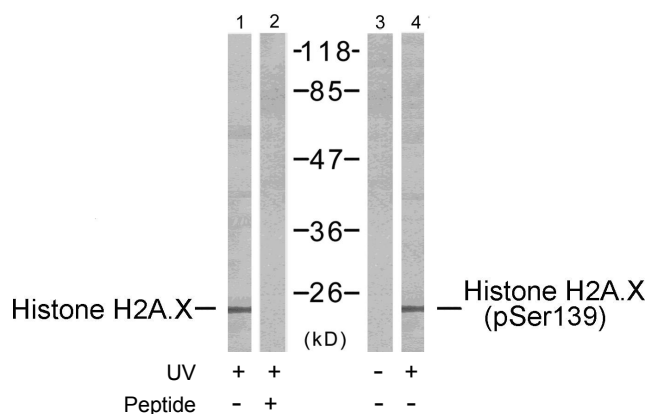
E11-7106B

Catalog Number:	E11-7106B
Amount:	100µg/100µl
Swiss-Prot No. :	P16104
All Names:	H2a/x
Form of Antibody:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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 immunogen.
Specificity/Sensitivity	Histone H2A.X (Ab-139) antibody detects endogenous levels of total Histone H2A.X protein.
Reactivity:	Human, Mouse
Applications:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:10000
References:	Alpna Tyagi, et al. (2005) Carcinogenesis; 26: 1978-1987. James P, et al. (2002) Nucleic Acids Res; 30: 3698-3705. Mariana Yaneva, et al. (2005) Nucleic Acids Res; 33: 5320-5330. Jérôme Govin, , et al. (2004) Eur. J. Biochem; 271: 3459-3469



Peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Histone H2A.X (Ab-139) antibody.



Western blot analysis of extracts from HeLa cells, untreated or treated with UV, using Histone H2A.X (Ab-139) antibody (Line 1 and 2) and Histone H2A.X (Phospho-Ser139) antibody (Line 3 and 4).

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