



ELK Biotechnology

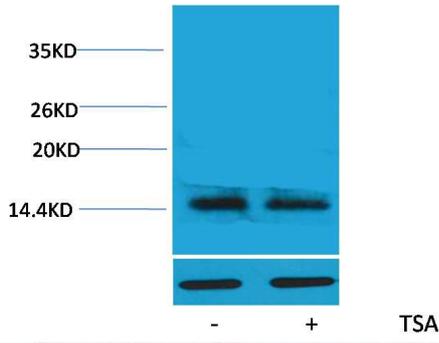
Histone H2A.X(Acetyl Lys5) Rabbit pAb

Catalog NO.: EA116

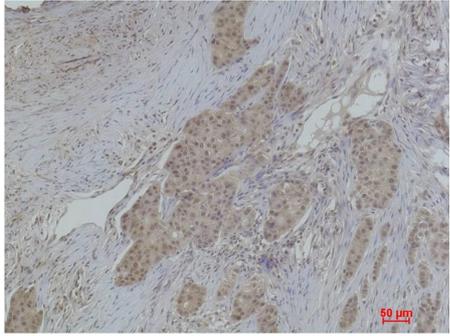
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Overview

Product name	Histone H2A.X(Acetyl Lys5) Rabbit polyclonal antibody
Source	Rabbit
Applications	WB, IHC
Species reactivity	Human, Rat, Mouse
Recommended dilutions	WesternBlot:1/1000-2000 Immunohistochemistry:1/200-500 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Synthetic Peptide
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	Antiserum
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	15kDa
GenelD (Human)	3014
Human Swiss-Prot No.	P16104
Cellular localization	Nucleus,Chromosome
Alternative Names	H2A histone family member X antibody, H2AFX antibody, H2AX Histoneh antibody, Histone H2AX antibody
Background	Histone H2A which replaces conventional H2A in a subset of nucleosomes. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template.



Western blot analysis of extracts from HeLa cells, untreated (-) or treated with TSA (1 μ M, 18 hr; +), using Acetyl-Histone H2A.X (Lys5) Rabbit pAb (upper) EA116 1:2,000 and β -actin Mouse mAb (lower) EM1031 1:5,000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using Histone H2A.X (Acetyl Lys5) (E116) Rabbit pAb diluted at 1:500.