



# ELK Biotechnology

**Histone H1(Phospho Thr17) Rabbit pAb**

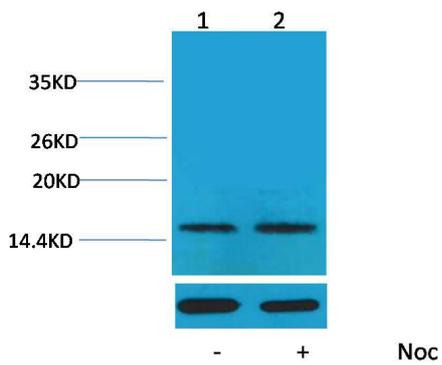
**Catalog NO.: EA111**

**For research use only.**

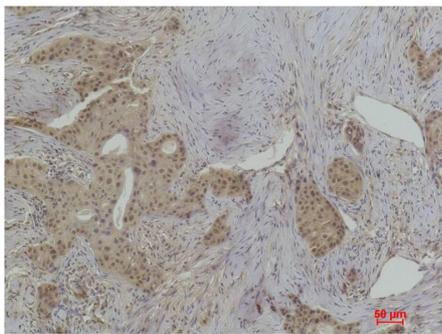
## Overview

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Product name	Histone H1(Phospho Thr17) Rabbit polyclonal antibody
Source	Rabbit
Applications	<b>WB, IHC</b>
Species reactivity	<b>Human, Rat, Mouse</b>
Recommended dilutions	<b>WesternBlot:1/1000-2000</b> <b>Immunohistochemistry:1/200-500</b> <b>NOTE: Optimal dilutions should be determined by the end user.</b>
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	<b>17-25kDa</b>
GeneID (Human)	3005
Human Swiss-Prot No.	P07305
Cellular localization	Cytoplasm,Nucleus,Chromosome
Alternative Names	H1 antibody, HIST1H1B antibody, Histone 1 antibody, Histone H1a antibody
Background	Histone H1 is one of the five main histone protein families which are components of chromatin in eukaryotic cells. May play a key role in the control of gene expression during oogenesis and early embryogenesis, presumably through the perturbation of chromatin structure.



Western blot analysis of extracts from HeLa cells, untreated (-) or treated with Nocodazole (1µg/ml, 24 hr; +), using Phospho-Histone H1(Thr17) Rabbit pAb (upper) EA111 1:2,000 and β-actin Mouse mAb (lower) EM1031 1:5000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using Histone H1 (Phospho Thr17) ( EA111 ) Rabbit pAb diluted at 1:500.