

## HISTONE H1.8 RABBIT PAB

**Cat.#:** N225481

**Product Name:** Anti-Histone H1.8 Rabbit pAb

**Synonyms:** H1.8; H1oo; osH1

**UNIPROT ID:** Q8IZA3

**Background:** May play a key role in the control of gene expression during oogenesis and early embryogenesis, presumably through the perturbation of chromatin structure. Essential for meiotic maturation of germinal vesicle-stage oocytes. The somatic type linker histone H1c is rapidly replaced by H1oo in a donor nucleus transplanted into an oocyte. The greater mobility of H1oo as compared to H1c may contribute to this rapid replacement and increased instability of the embryonic chromatin structure. The rapid replacement of H1c with H1oo may play an important role in nuclear remodeling .

**Immunogen:** The antiserum was produced against synthesized peptide derived from human Histone H1. AA range:131-180

**Applications:** IHC-P,IHC-F,ICC/IF,ELISA

**Recommended Dilutions:** IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Clone ID:** -

**MW:** -

**Isotype:** IgG

**Purification:** Affinity Chromatography

**Species Reactivity:** Human

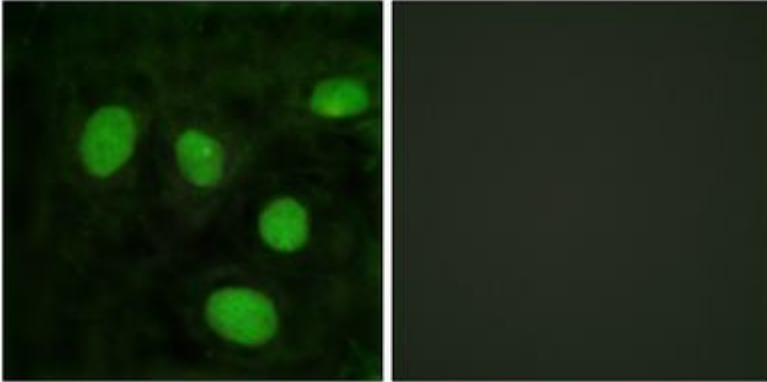
**Conjugation:** Unconjugated

**Modification:** Unmodified

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Epigenetics and Nuclear Signaling

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunofluorescence analysis of Histone H1.8 in HeLa cells using Histone H1.8 antibody. Sample with blocking peptide on the right.