

Product Name: Histone H1.8 Rabbit Polyclonal Antibody
Catalog #: APRab00419

Summary

Production Name	Histone H1.8 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	IHC-F,IHC-P,ICC/IF,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Chromatography

Immunogen

Gene Name	H1-8
Alternative Names	H1.8; H1oo; osH1
Gene ID	132243
SwissProt ID	Q8IZA3

Application

Dilution Ratio	IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000
Molecular Weight	-

Background

May play a key role in the control of gene expression during oogenesis and early embryogenesis, presumably through the

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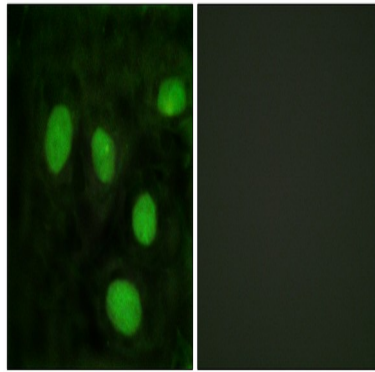


perturbation of chromatin structure. Essential for meiotic maturation of germinal vesicle-stage oocytes. The somatic type linker histone H1c is rapidly replaced by H1oo in a donor nucleus transplanted into an oocyte. The greater mobility of H1oo as compared to H1c may contribute to this rapid replacement and increased instability of the embryonic chromatin structure. The rapid replacement of H1c with H1oo may play an important role in nuclear remodeling .

Research Area

Epigenetics and Nuclear Signaling

Image Data



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

Note

For research use only.