

Product Name: Macro H2A.1 Rabbit Polyclonal Antibody
Catalog #: APRab00262

Summary

Production Name	Macro H2A.1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	MACROH2A1
Alternative Names	H2A.y; H2A/y; mH2A1; H2AF12M; MACROH2A1.1; macroH2A1.2
Gene ID	9555
SwissProt ID	O75367.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200
Molecular Weight	Calculated MW: 40 kDa; Observed MW: 40 kDa

Background

Involved in stable X chromosome inactivation. Inhibits the binding of transcription factors and interferes with the activity of

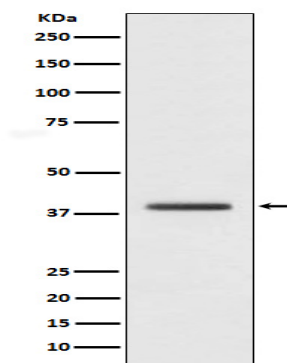
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remodeling SWI/SNF complexes. Inhibits histone acetylation by EP300 and recruits class I HDACs, which induces an hypoacetylated state of chromatin.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of macroH2A.1 in HepG2 lysates using Macro H2A.1 antibody.

Note

For research use only.