
Product Name: Macro H2A.1 Rabbit Monoclonal antibody**Catalog #: AMRe02225**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.29mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 40 kDa; Observed MW: 40 kDa

Antigen Information

Gene Name	MACROH2A1
Alternative Names	H2A.y; H2A/y; mH2A1; H2AF12M; MACROH2A1.1; macroH2A1.2
Gene ID	9555
SwissProt ID	O75367
Immunogen	A synthetic peptide of human macroH2A.1

Background

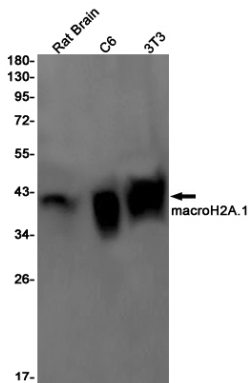
Involved in stable X chromosome inactivation. Inhibits the binding of transcription factors and interferes with the activity of remodeling SWI/SNF complexes. Inhibits histone acetylation by EP300 and recruits class I HDACs, which induces an

hypocetylated state of chromatin.

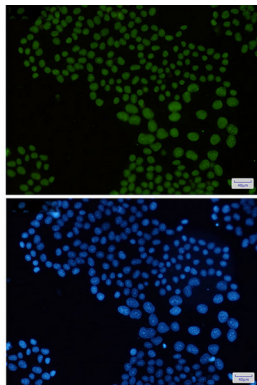
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of macroH2A.1 in rat Brain, C6, 3T3 lysates using Macro H2A.1 antibody.



Immunocytochemistry analysis of macroH2A.1(green) in HeLa using macroH2A.1 antibody, and DAPI(blue)