

Product Datasheet

macroH2A.1 Antibody

Catalog No: CY7134

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF



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Information

UniProt ID: O75367

All Names: H2A.y; H2A/y; H2AF12M; H2AFJ; H2afy; Histone H2A.Y; Histone macroH2A1; Histone macroH2A1.1; Histone macroH2A1.2; mH2a;mH2A1;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 40kDa

Application

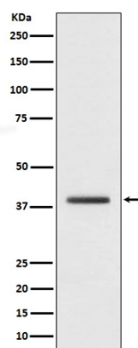
WB 1:1000~1:5000

IHC 1:50~1:200

ICC/IF 1:50~1:200

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 hypoacetylated state of chromatin.



Western blot analysis of macroH2A.1 expression in HepG2 cell lysate.

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