

Anti-Histone H2A (acetyl K9) HIST1H2AB Monoclonal Antibody

Catalog Number: M16777-3

About HIST1H2AB

Putative transcription factor involved in pancreas development and function.

Overview

Product Name	Anti-Histone H2A (acetyl K9) HIST1H2AB Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Histone H2A (acetyl K9) HIST1H2AB Monoclonal Antibody catalog # M16777-3. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal DEB-8
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P04908

Technical Details

Immunogen	A synthesized peptide derived from human Histone H2A (acetyl K9) Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

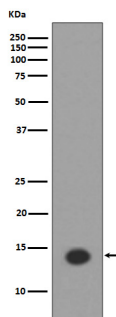
Boster Bio's internal QC testing used:

WB 1:500-1:2000

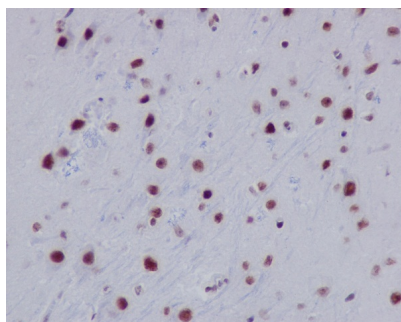
IHC 1:500-1:1000

ICC/IF 1:500-1:1000

Anti-Histone H2A (acetyl K9) HIST1H2AB Monoclonal Antibody (M16777-3) Images



Western blot analysis of Histone H2A (acetyl K9) expression in HeLa cell lysate treated Trichostatin A.



Immunohistochemical analysis of paraffin-embedded mouse brain, using Histone H2A (acetyl K9) Antibody.

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