10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Histone H1.2 Monoclonal Antibody
Catalog # ABO14633

Specification

Anti-Histone H1.2 Monoclonal Antibody - Product Information

Application	**WB, IHC, IF, ICC**
Primary Accession	P16403
Host	**Rabbit**
Isotype	**Rabbit IgG**
Reactivity	**Rat, Human, Mouse**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-Histone H1.2 Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Anti-Histone H1.2 Monoclonal Antibody - Additional Information

Gene ID 3006

Other Names
Histone H1.2, Histone H1c, Histone H1d, Histone H1s-1, H1-2 (HGNC:4716)

Application Details
WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human Histone H1.2

Purification
Affinity-chromatography

Storage	**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.**

Anti-Histone H1.2 Monoclonal Antibody - Protein Information

Name H1-2 (HGNC:4716)

Function

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Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Also acts as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation (By similarity).

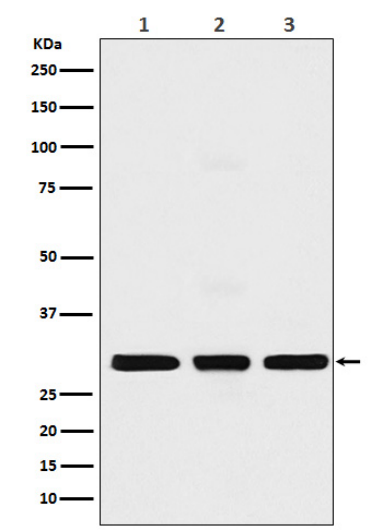
Cellular Location
Nucleus. Chromosome. Note=Mainly localizes in euchromatin. Distribution goes in parallel with DNA concentration

Anti-Histone H1.2 Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Histone H1.2 Monoclonal Antibody - Images



Western blot analysis of Histone H1.2 expression in (1) MCF7 cell lysate (2) NIH/3T3 cell lysate; (3) C6 cell lysate.