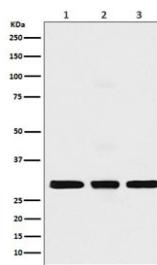


## Histone H1.2 Antibody / HIST1H1C [clone AEDF-8] (RQ5482)

Catalog No.	Formulation	Size
RQ5482	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

**Bulk quote request**

<b>Availability</b>	1-2 weeks
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Purified
<b>Clonality</b>	Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Name</b>	AEDF-8
<b>Purity</b>	Affinity purified
<b>UniProt</b>	P16403
<b>Applications</b>	Western Blot : 1:500-1:2000
<b>Limitations</b>	This Histone H1.2 antibody is available for research use only.



Western blot testing of 1) human MCF7, 2) mouse NIH3T3 and 3) rat C6 cell lysate with Histone H1.2 antibody. Expected molecular weight ~21 kDa (unmodified), ~30 kDa (modified).

### Description

Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. The HIST1H1C gene is intronless and encodes a replication-dependent histone that is a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. [RefSeq]

## Application Notes

Optimal dilution of the Histone H1.2 antibody should be determined by the researcher.

## Immunogen

A synthetic peptide specific to human Histone H1.2 / HIST1H1C was used as the immunogen for the Histone H1.2 antibody.

## Storage

Store the Histone H1.2 antibody at -20oC.