

A17952

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# Ubiquityl-Histone H2A-K119 Rabbit pAb

Catalog No.: A17952

## Basic Information

### Observed MW

23kDa

### Calculated MW

14kDa

### Category

Polyclonal Antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human,Mouse,Rat,Other (Wide Range Predicted)

## Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. H2A clustered histone (H2AC) consists of several H2A family members, which function as replication-dependent histone proteins.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

3012/8329

### Swiss Prot

P04908/POC0S8

### Immunogen

A synthetic ubiquitinated peptide around K119 of human HIST1H2AB (NP\_734466.1).

### Synonyms

HIST1H2AB; Ubiquityl-Histone H2A-K119

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

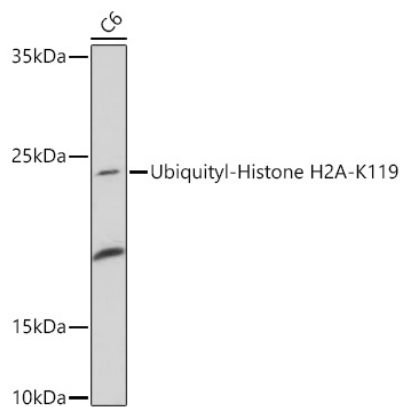
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of lysates from C6 cells, using Ubiquityl-Histone H2A-K119 Rabbit pAb (A17952) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 180s.