# **Ubiquityl-Histone H2A-K119 Rabbit pAb**

**ABclonal** 

www.abclonal.com

Catalog No.: A17952

## **Basic Information**

#### **Observed MW**

23kDa

### **Calculated MW**

14kDa

#### Category

Primary 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

**ELISA** 

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

# **Immunogen Information**

**Gene ID Swiss Prot** 3012/8329 P04908/P0C0S8

#### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

# **Synonyms**

HIST1H2AB; Ubiquityl-Histone H2A-K119

## **Contact**

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## **Product Information**

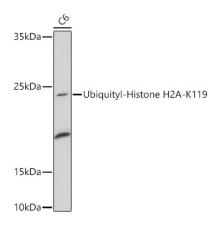
Source Isotype **Purification** lgG Rabbit Affinity purification

#### Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

# **Validation Data**



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

Secondary antibody: HRP-conjugated 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.