

Ubiquityl-Histone H2B-K120 Rabbit pAb

Catalog No.: A17949

Basic Information

Observed MW

Refer to figures

Calculated MW

14kDa

Category

Primary antibody

Applications

ELISA, WB

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. H2B clustered histone (H2BC) consists of several H2B family members, which function as replication-dependent histone proteins.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

3017/8349

Swiss Prot

P62807/Q16778

Immunogen

A synthetic ubiquitinated peptide around K120 of human HIST1H2BC (NP_066407.1).

Synonyms

HIST1H2BC; Ubiquityl-Histone H2B-K120

Contact

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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, pH7.3.