

(KO Validated) Histone H4 Polyclonal Antibody

catalog number: **E-AB-92417**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic acetylated peptide around K12 of human Histone H4
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

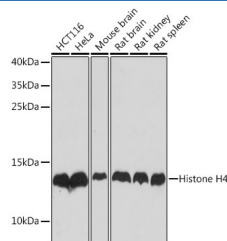
Applications

WB

Recommended Dilution

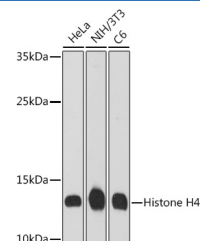
1:500-1:2000

Data



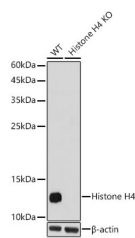
Western blot analysis of extracts of various cell lines using Histone H4 Polyclonal Antibody at 1:1000 dilution.

Observed-MV:11 kDa
Calculated-MV:11 kDa



Western blot analysis of extracts of various cell lines using Histone H4 Polyclonal Antibody at 1:1000 dilution.

Observed-MV:11 kDa
Calculated-MV:11 kDa



Western blot analysis of extracts from wild type(WT) and Histone H4 knockout (KO) 293T cells using Histone H4 Polyclonal Antibody at 1:1000 dilution.

Observed-MV:11 kDa
Calculated-MV:11 kDa

Preparation & Storage

Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping

The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

For Research Use Only

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. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element.

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