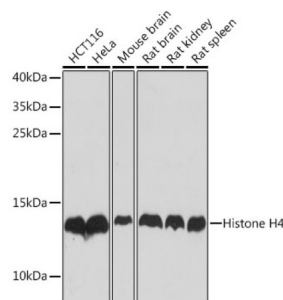
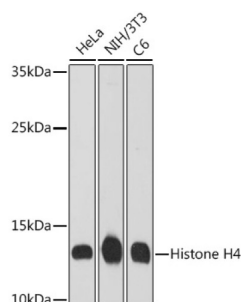


Histone H4 (HIST4H4) Antibody

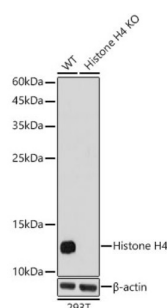
Catalogue No.: abx001045



Western blot analysis of extracts of various cell lines using Histone H4 Antibody (1/1000 dilution).



Western blot analysis of extracts of various cell lines using Histone H4 Antibody (1/1000 dilution).



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

HIST4H4 Antibody is a Rabbit Polyclonal antibody against HIST4H4. 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 member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element.

Target: Histone H4 (HIST4H4)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB

Host: Rabbit

Datasheet

Version: 4.0.0
Revision date: 23 Oct 2025



Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: A synthetic acetylated peptide around K12 of human Histone H4

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P62805 ([UniProt](#), [ExPASy](#))

Gene Symbol: H4-16

GeneID: [121504](#)

NCBI Accession: NP_001029249.1

KEGG: hsa:121504, hsa:554313, hsa:8294, hsa:8359, hsa:8360, hsa:8361, hsa:8362, hsa:8363, hsa:8364, hsa:8365, hsa:8366, hsa:8367, hsa:8368, hsa:8370

String: [9606.ENSP00000484789](#)

Molecular Weight: Calculated MW: 11 kDa
Observed MW: 11 kDa

Buffer: PBS, pH 7.3, containing 0.01% thiomersal, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.