# Histone H4 Polyclonal Antibody

**catalog number:** **E-AB-11291**

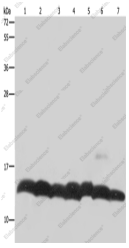
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

| | |
|---|---|
| **Reactivity** | Human;Mouse;Rat |
| **Immunogen** | Recombinant protein of human HIST4H4 |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Purification** | Affinity purification |
| **Buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

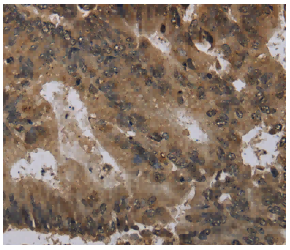
| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:500-1:2000 |
| **IHC** | 1:50-1:200 |

## Data

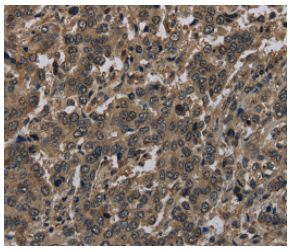


Western Blot analysis of K562 cell, Mouse pancreas tissue and Hela cell, Mouse thymus tissue and 293T cell, NIH/3T3 and LoVo cell using Histone H4 Polyclonal Antibody at dilution of 1:300

**Calculated-MW:11 kDa**



Immunohistochemistry of paraffin-embedded Human colon cancer using Histone H4 Polyclonal Antibody at dilution of 1:30



Immunohistochemistry of paraffin-embedded Human liver cancer using Histone H4 Polyclonal Antibody at dilution of 1:30

## Preparation & Storage

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|---|---|
| **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


Toll-free: 1-888-852-8623
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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.


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