

Datasheet for ABIN686197

anti-Histone Cluster 1, H1t (HIST1H1T) (AA 51-207) antibody[Go to Product page](#)**1** Image

Overview

| | |
|----------------------|-----------------------------------|
| Quantity: | 100 µL |
| Target: | Histone Cluster 1, H1t (HIST1H1T) |
| Binding Specificity: | AA 51-207 |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | Un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human Testicular H1 histone |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse, Rat |
| Predicted Reactivity: | Human,Dog,Cow,Pig,Horse,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---|
| Target: | Histone Cluster 1, H1t (HIST1H1T) |
| Alternative Name: | Histone H1t (HIST1H1T Products) |
| Background: | Synonyms: HIST1H1T, H1FT, H1T, H1T_HUMAN, Histone H1t, Testicular H1 histone. |

Target Details

Background: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6.

Gene ID: 3010

UniProt: [P22492](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

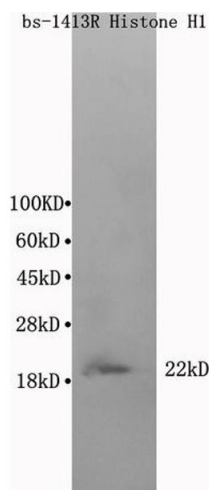
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



SDS-PAGE

Image 1. Mouse cerebrum lysate 30ug, probed (ABIN686197) at 1:200 in 4 °C. Followed by conjugation to the secondary antibody at 1:3000 90min in 37C. Predicted and observed band size: 22kDa.