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Datasheet for ABIN686206

## anti-Histone Cluster 1, H1t (HIST1H1T) (AA 51-207) antibody (HRP)

### Overview

Quantity:	100 µL
Target:	Histone Cluster 1, H1t (HIST1H1T)
Binding Specificity:	AA 51-207
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
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 ( <a href="#">HIST1H1T Products</a> )
Background:	Synonyms: HIST1H1T, H1FT, H1T, H1T_HUMAN, Histone H1t, Testicular H1 histone.

## Target Details

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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.

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Gene ID: 3010

UniProt: [P22492](#)

## Application Details

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Application Notes: WB 1:300-5000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months