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Datasheet for ABIN7384174 **anti-Histone H1 antibody**

Overview

Quantity:	60 µL
Target:	Histone H1 (H1F0)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Histone H1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human H1F0 (NP_005309.1).
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	Histone H1 (H1F0)
Alternative Name:	Histone H1.0 (H1F0 Products)
Background:	H1F0,H10,H1FV,histone H1.0,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

Target Details

higher order chromatin structures. This gene is intronless and encodes a replication-independent histone that is a member of the histone H1 family.

Molecular Weight: Observed_MW: 30 kDa
Calculated_MW: 19 kDa/20 kDa

Gene ID: 3005

UniProt: [P07305](#)

Application Details

Application Notes: WB 1:500-1:1000 IHC 1:50-1:200 IF 1:50-1:200

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.