

Allgemeine Informationen

Katalog-Nr.:
17510-1-AP

Größe:
150ul , Konzentration: 500 µg/ml von
Nanodrop und 333 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG9982

GenBank-Zugangsnummer:
BC000145

GeneID (NCBI):
3005

Vollständiger Name:
H1 histone family, member 0

Berechnete Masse:
21 kDa

Beobachtete Masse:
32 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000

IP 0.5-4.0 ug für IP und 1:500-1:1000
für WB

IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Positivkontrollen:

WB : HeLa-Zellen, A431-Zellen, Jurkat-Zellen,
Mausmilzgewebe, Rattenmilzgewebe

IP : A431-Zellen,

IF : HepG2-Zellen,

Hintergrundinformationen

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. Linker histones are involved in the formation of higher order structure in chromatin and the maintenance of overall chromatin compaction. The H1FO histones are found in cells that are in terminal stages of differentiation or that have low rates of cell division. Histone H1.0 (H1FO, H1FV) is a linker histone that is widely expressed in many tissues and almost all vertebrates, unlike some other linker histones. The observed molecular weight of H1FO is about 32 kDa.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Kohsuke Kato	34489496	Sci Rep	WB
Jianjian Zhang	34707090	Cell Death Discov	WB
Nan Tian	31762817	J Cancer	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

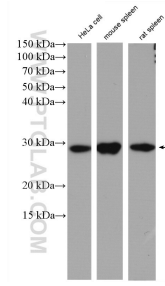
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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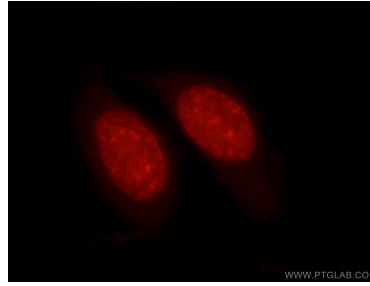
E: proteintech@ptglab.com
W: ptglab.com

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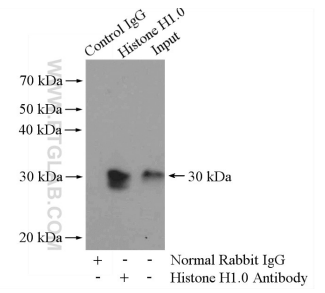
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 17510-1-AP (Histone H1.0 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells using 17510-1-AP (Histone H1.0 antibody) at dilution of 1:50 and Rhodamine-Goat anti-Rabbit IgG.



IP Result of anti-Histone H1.0 (IP:17510-1-AP, 4ug; Detection:17510-1-AP 1:500) with A431 cells lysate 2400ug.