

Nur für Forschungszwecke

Histone H3 Polyklonaler Antikörper

Katalog-Nr.:29200-1-AP



Allgemeine Informationen

Katalog-Nr.: 29200-1-AP	GenBank-Zugangsnummer: BC066245	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 250 µg/ml von Nanodrop;	GeneID (NCBI): 8350	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: histone cluster 1, H3a	
Isotyp: IgG	Beobachtete Masse: 18 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB : HeLa-Zellen, HepG2-Zellen IHC : Mausdengewebe,
Getestete Reaktivität: Human, Maus	

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

Histones are small, highly basic proteins that consist of a globular domain with unstructured N- and C-terminal tails protruding from the main structure. Histone H3 is one of the five main histones 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. In addition to their role in DNA compartmentalization, histones also play crucial roles in various biologic processes, including gene expression and regulation, DNA repair, chromatin condensation, cell cycle progression, chromosome segregation, and apoptosis. The ability of histones to regulate chromatin dynamics primarily originates from various posttranslational modifications carried out by histone-modifying enzymes.

Lagerung

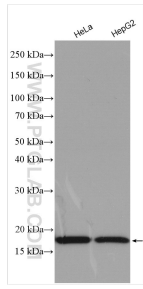
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

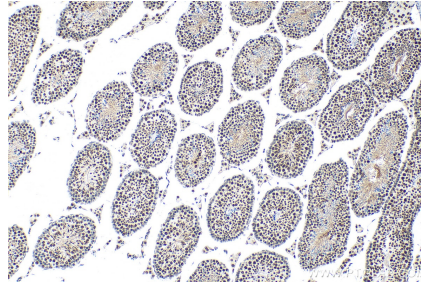
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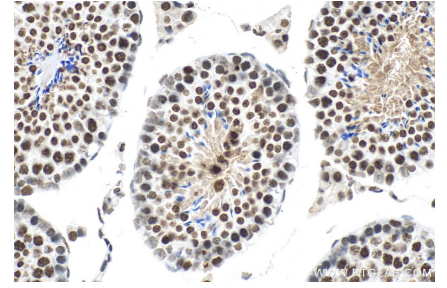
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 29200-1-AP (HIST1H3A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 29200-1-AP (Histone H3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 29200-1-AP (Histone H3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).