

Nur für Forschungszwecke

H3F3B Polyklonaler Antikörper

Katalog-Nr.:10265-1-AP



Allgemeine Informationen

Katalog-Nr.: 10265-1-AP	GenBank-Zugangsnummer: BC001124	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 300 µg/ml von Nanodrop und 233 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 3021	Empfohlene Verdünnungen: WB 1:200-1:1000
Wirt: Kaninchen	Vollständiger Name: H3 histone, family 3B (H3.3B)	
Isotyp: IgG	Berechnete Masse: 15 kDa	
Immunogen Katalognummer: AG0326	Beobachtete Masse: 17 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : HEK-293-Zellen, HeLa-Zellen
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

Histones are the basic nuclear proteins responsible for the nucleosome structure of the chromosomal fiber. Five classes of histone genes have been reported, some of which are expressed only during S phase, while others are replication independent. The latter are referred to as replacement histones and are expressed in quiescent or terminally differentiated cells. H3F3B is one replacement histone [PMID: 8586426]. It constitutes the predominant form of histone H3 in non-dividing cells and is incorporated into chromatin independently of DNA synthesis. Deposited at sites of nucleosomal displacement throughout transcribed genes, suggesting that it represents an epigenetic imprint of transcriptionally active chromatin. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Thereby it has a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability [PMID: 14718166, 15776021].

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**

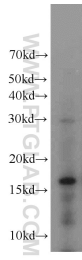
For technical support and original validation data for this product please contact:

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Ausgewählte Validierungsdaten



HEK-293 cells were subjected to SDS PAGE followed by western blot with 10265-1-AP (H3F3B antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.