

Nur für Forschungszwecke

# HMG20B Polyklonaler Antikörper

Katalog-Nr.:14582-1-AP

Vorgestelltes Produkt

4 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
14582-1-AP

Größe:  
150ul, Konzentration: 500 µg/ml von  
Nanodrop und 233 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG6103

GenBank-Zugangsnummer:  
BC002552

GeneID (NCBI):  
10362

Vollständiger Name:  
high-mobility group 20B

Berechnete Masse:  
36 kDa

Beobachtete Masse:  
36 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000  
IP 0.5-4.0 µg für IP und 1:500-1:1000  
für WB  
IHC 1:20-1:200  
IF 1:50-1:500

## Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

ChIP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

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

Positivkontrollen:

WB: HeLa-Zellen,

IP: HeLa-Zellen,

IHC: humanes Kolonkarzinomgewebe,

IF: HeLa-Zellen,

## Hintergrundinformationen

CoREST (corepressor of repressor element-1-silencing transcription factor) is a chromatin-modifying complex that was first identified as a regulator of neuronal gene expression, having an essential role in neuronal differentiation [PMID:10449787]. The CoREST complex is recruited by REST (RE1-silencing transcription factor) that recognizes the 21-nucleotide RE-1 sequence in the promoter of more than 1,700 different target genes in human and mouse [PMID:15240883]. HMGB20B is one component of the CoREST complex, which mediates chromatin remodeling and repression of specific genes involved in neuronal differentiation through modulation of chromatin structure [PMID:19997604].

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Esteghamat Fatemehsadat F	21606163	Haematologica	ChIP
Lukas Leiendecker	33026191	EMBO Mol Med	WB
Roberto Ravasio	32284990	Sci Adv	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

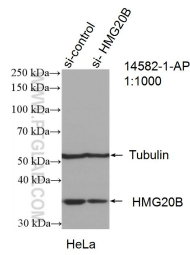
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com  
W: ptglab.com

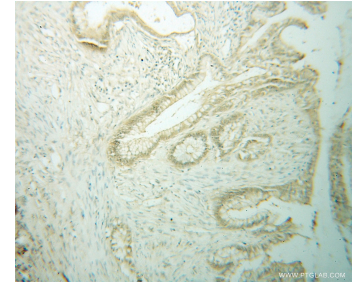
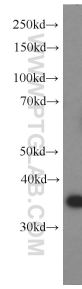
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Ausgewählte Validierungsdaten

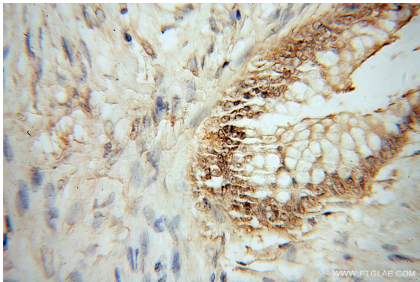


WB result of HMG20B antibody (14582-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HMG20B transfected HeLa cells.

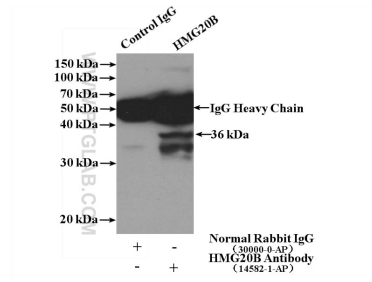
HeLa cells were subjected to SDS PAGE followed by western blot with 14582-1-AP (HMG20B antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



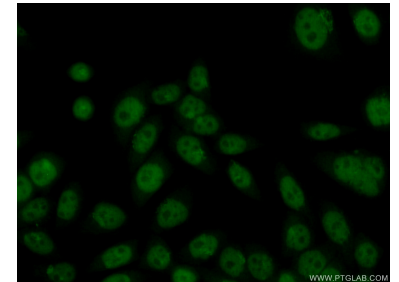
Immunohistochemical analysis of paraffin-embedded human colon cancer using 14582-1-AP (HMG20B antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer using 14582-1-AP (HMG20B antibody) at dilution of 1:50 (under 40x lens).



IP Result of anti-HMG20B (IP:14582-1-AP, 4ug; Detection:14582-1-AP 1:800) with HeLa cells lysate 1200ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 14582-1-AP (HMG20B antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).