

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HMG20B



Numéro de catalogue: 14582-1-AP

Phare

4 Publications

Informations de base

Numéro de catalogue:
14582-1-AP

Taille:
150ul, Concentration: 500 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG6103

Numéro d'acquisition GenBank:
BC002552

Identification du gène (NCBI):
10362

Nom complet:
high-mobility group 20B

MW calculé
36 kDa

MW observés:
36 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:20-1:200
IF 1:50-1:500

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
ChIP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa,

IP : cellules HeLa,

IHC : tissu de cancer du côlon humain,

IF : cellules HeLa,

Informations générales

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].

Publications notables

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

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquoteage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

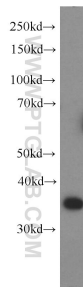
For technical support and original validation data for this product please contact:

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

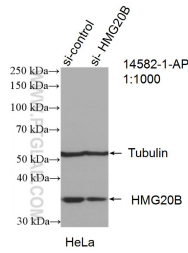
E: proteintech@ptglab.com
W: ptglab.com

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

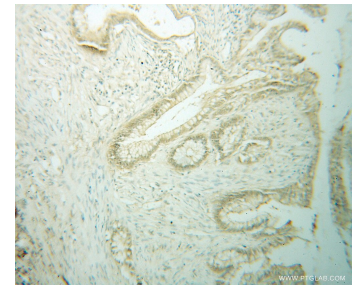
Données de validation sélectionnées



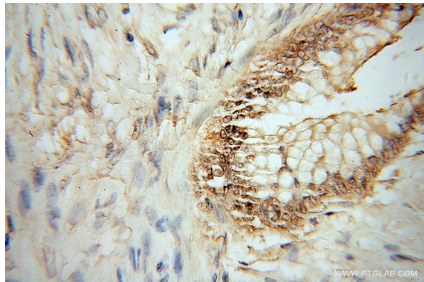
HeLa cells were subjected to SDS PAGE followed by western blot with 14582-1-AP (HMG20B antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



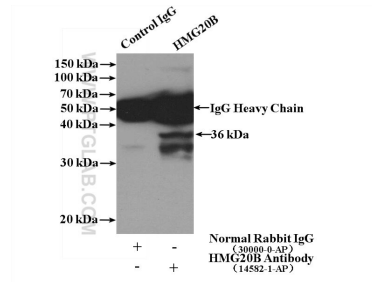
WB result of HMG20B antibody (14582-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HMG20B transfected HeLa cells.



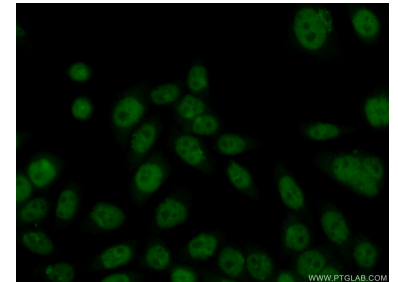
Immunohistochemical analysis of paraffin-embedded human colon cancer using 14582-1-AP (HMG20B antibody) at dilution of 1:50 (under 10x lens).



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).