

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HMG20A



Numéro de catalogue: 12085-2-AP

Phare

8 Publications

Informations de base

Numéro de catalogue:
12085-2-AP

Taille:
150ul, Concentration: 450 µg/ml by Nanodrop and 253 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG2718

Numéro d'acquisition GenBank:
BC021959

Identification du gène (NCBI):
10363

Nom complet:
high-mobility group 20A

MW calculé
347 aa, 40 kDa

MW observés:
45-50 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
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:
CoIP, IF, IHC, IP, 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 Jurkat, cellules HEK-293

IP : cellules Jurkat,

IHC : tissu de cancer du pancréas humain,

IF : cellules HepG2,

Informations générales

The HMG (high mobility group) proteins are nonhistone chromosomal proteins that is present in almost all eukaryotic cells, and it functions to stabilize nucleosome formation and acts as a transcription-factor-like protein that regulates the expression of several genes. HMG20A has a role in the initiation of neuronal differentiation by activating REST-responsive genes, and it also involves in the recruitment of the histone methyltransferase MLL and consequent increased methylation of histone H3 lysine 4. HMG20A (for inhibitor of BRAF35) overcomes the repressive effects of the neuronal silencer REST and activates REST-responsive genes through the modulation of histone methylation

Publications notables

Autrice	Pubmed ID	Journal	Application
Lukas Leiendecker	33026191	EMBO Mol Med	WB
Li Na	36335317	BMC Oral Health	WB
Yu Fu	31889891	Cancer Cell Int	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'aliquotage n'est pas nécessaire pour le stockage à -20C

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

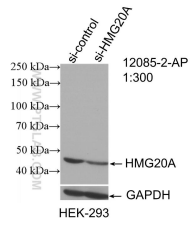
For technical support and original validation data for this product please contact:

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

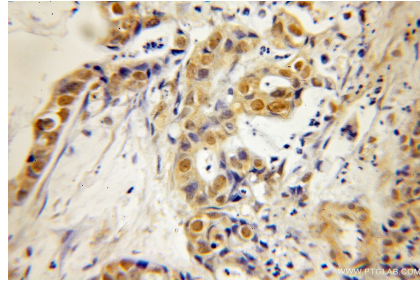
E: proteintech@ptglab.com
W: ptglab.com

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

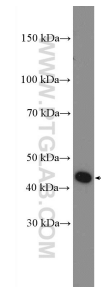
Données de validation sélectionnées



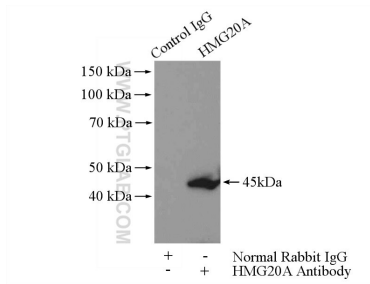
WB result of HMG20A antibody (12085-2-AP; 1:300; incubated at room temperature for 1.5 hours) with sh-Control and sh-HMG20A transfected HEK-293 cells.



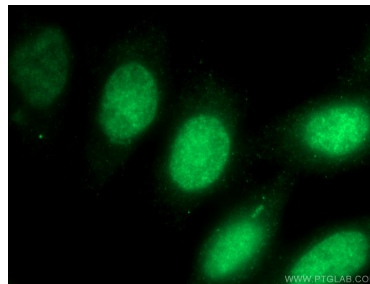
Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 12085-2-AP (HMG20A antibody) at dilution of 1:50 (under 10x lens).



Jurkat cells were subjected to SDS PAGE followed by western blot with 12085-2-AP (HMG20A Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-HMG20A (IP:12085-2-AP, 4ug; Detection:12085-2-AP 1:500) with Jurkat cells lysate 3200ug.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 12085-2-AP (HMG20A antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).