

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HMGA1



Numéro de catalogue: 29895-1-AP

1 Publications

Informations de base

Numéro de catalogue:

29895-1-AP

Taille:

150ul, Concentration: 850 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG31866

Numéro d'acquisition GenBank:

BC071864

Identification du gène (NCBI):

3159

Nom complet:

high mobility group AT-hook 1

MW observés:

20 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:5000-1:50000

IHC 1:50-1:500

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

Contrôles positifs:

WB : cellules HepG2, cellules MKN-45

IHC : tissu de cancer de la prostate humain, tissu de cancer du pancréas humain, tissu de cancer du sein humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

HMGA1, the high mobility group A1, encodes an oncofetal protein that remodels the chromatin structure and promotes the interaction between transcriptional regulatory proteins and DNA in different cancers (PMID:8414980, PMID:11406267). The isoforms HMGA1a and HMGA1b can cross link DNA fibers in vitro and induce chromatin clustering in vivo (PMID:21596776). Mice lacking variant of HMGA1 are diabetic, show a cardiac hypertrophy and low levels of the insulin receptor (PMID:19664187). HMGA1 protein is mainly located in nucleus, especially in heterochromatin. HMGA1 is up-regulated in many tumours, including epithelial and mesenchymal tissue-originated tumours (PMID:30614613).

Publications notables

Autrice	Pubmed ID	Journal	Application
Shaoyu Wang	36776216	Pathol Oncol Res	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.

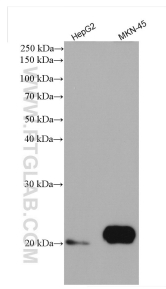
For technical support and original validation data for this product please contact:

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

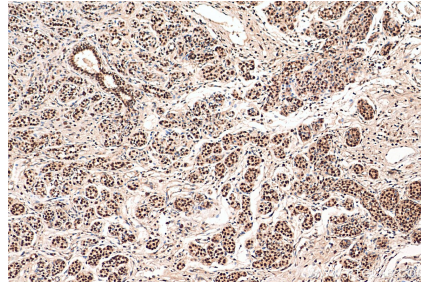
E: proteintech@ptglab.com
W: ptglab.com

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

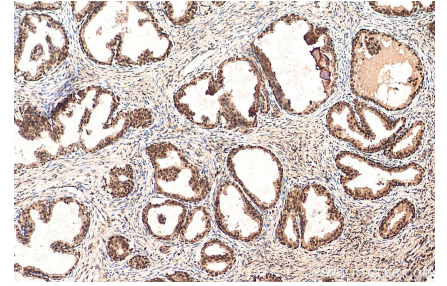
Données de validation sélectionnées



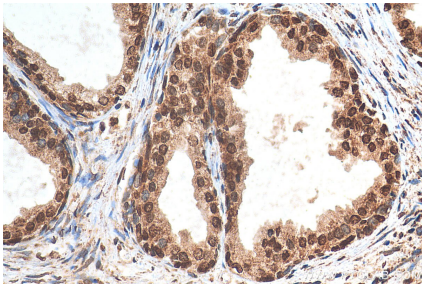
Various lysates were subjected to SDS PAGE followed by western blot with 29895-1-AP (HMGA1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



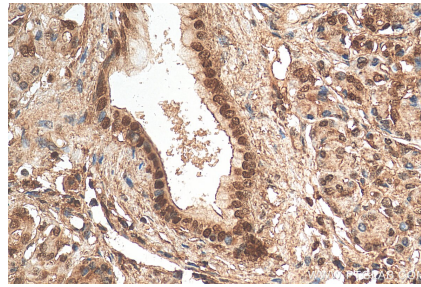
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 29895-1-AP (HMGA1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



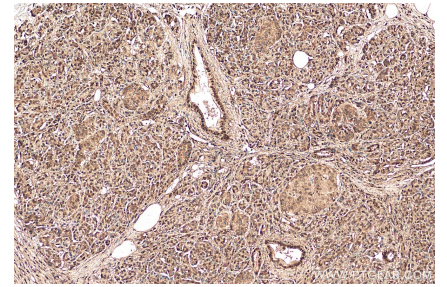
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 29895-1-AP (HMGA1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 29895-1-AP (HMGA1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 29895-1-AP (HMGA1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 29895-1-AP (HMGA1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).