

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Histone-H3



Numéro de catalogue: 17168-1-AP

712 Publications

Informations de base

Numéro de catalogue:

17168-1-AP

Taille:

150ul, Concentration: 600 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG10644

Numéro d'acquisition GenBank:

BC015544

Identification du gène (NCBI):

333932

Nom complet:

histone cluster 2, H3a

MW calculé

136 aa, 15 kDa

MW observés:

15-17 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:16000

IP 0.5-4.0 ug for IP and 1:2000-1:16000 for WB

IHC 1:50-1:500

IF 1:20-1:200

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

ChIP, CoIP, IF, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Chèvre, Humain, porc, poulet, rat, singe, souris, arabidopsis, fish

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.

Contrôles positifs:

WB : cellules HEK-293, cellules A549, cellules HeLa, cellules HepG, cellules HepG2, cellules MCF-7, cellules NIH/3T3, tissu cérébral de souris, tissu de muscle squelettique de souris, tissu hépatique de souris, tissu rénal de rat, tissu rénal de souris

IP : cellules MCF-7,

IHC : tissu de cancer de l'œsophage humain, tissu de cancer de la peau humain, tissu de cancer du sein humain

IF : cellules HEK-293, cellules HeLa

Informations générales

Histone-H3, histone cluster 2, H3a is the core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machinery which requires DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. Histone-H3 is expressed during S phase; then expression strongly decreases as cell division slows down during the process of differentiation.

Publications notables

Autrice	Pubmed ID	Journal	Application
Dan-Qian Chen	33062239	Ther Adv Chronic Dis	WB
Yuqian Wang	32942847	J Agric Food Chem	WB
Jie Gao	34592151	Cell Rep	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.

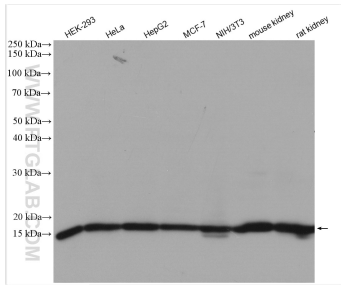
For technical support and original validation data for this product please contact:

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

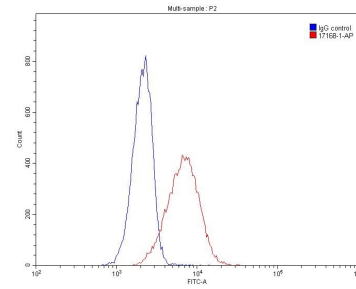
E: proteintech@ptglab.com
W: ptglab.com

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

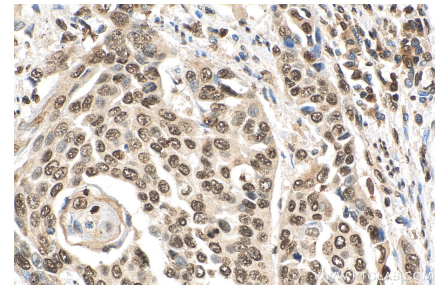
Données de validation sélectionnées



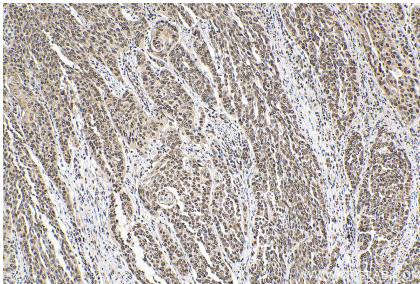
Various lysates were subjected to SDS PAGE followed by western blot with 17168-1-AP (Histone-H3 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



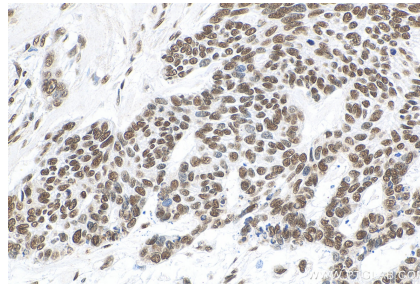
1X10⁶ HeLa cells were stained with 0.20ug Histone-H3 antibody (17168-1-AP, red) and control antibody (blue). Fixed with 90% MeOH.



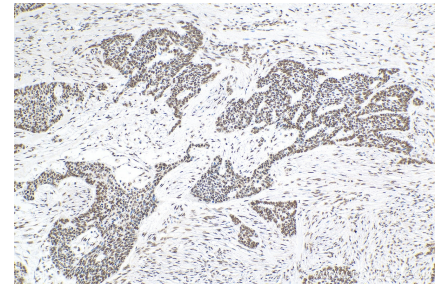
Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 17168-1-AP (Histone-H3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



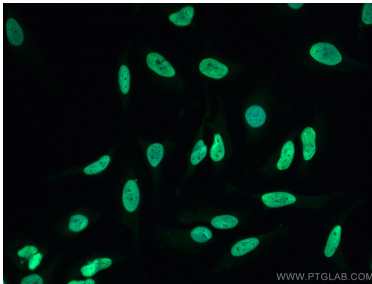
Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 17168-1-AP (Histone-H3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



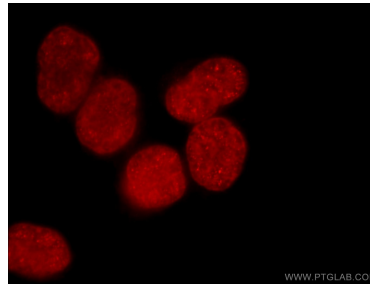
Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 17168-1-AP (Histone-H3 antibody) at dilution of 1:200 (under 40x lens).



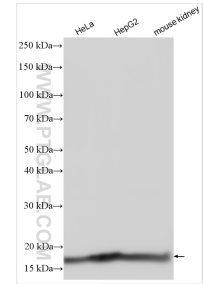
Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 17168-1-AP (Histone-H3 antibody) at dilution of 1:200 (under 10x lens).



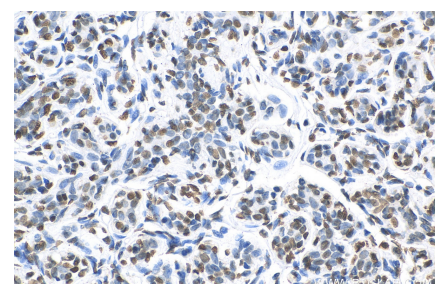
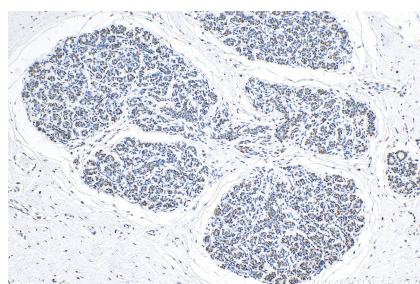
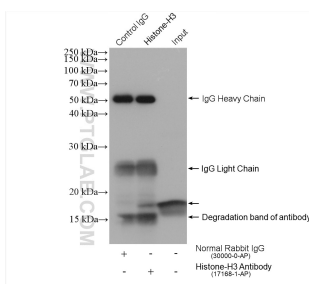
Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Histone-H3 antibody (17168-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



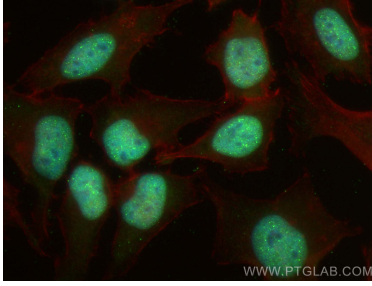
Immunofluorescent analysis of HEK-293 cells using 17168-1-AP (Histone-H3 antibody) at dilution of 1:50 and Rhodamine-Goat anti-Rabbit IgG.



Various lysates were subjected to SDS PAGE followed by western blot with 17168-1-AP (Histone-H3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



IP result of anti-Histone-H3(IP:17168-1-AP, 4ug; Detection:17168-1-AP 1:8000) with MCF-7 cells lysate 2120 ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Histone-H3 antibody (17168-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 17168-1-AP (Histone-H3 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 17168-1-AP (Histone-H3 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).