

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Histone H3.3



Numéro de catalogue: 13754-1-AP

4 Publications

## Informations de base

Numéro de catalogue:

13754-1-AP

Taille:

150ul, Concentration: 850 µg/ml by Nanodrop and 327 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG4696

Numéro d'acquisition GenBank:

BC038989

Identification du gène (NCBI):

3020

Nom complet:

H3 histone, family 3A

MW calculé

136 aa, 15 kDa

MW observés:

15-17 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IHC 1:200-1:800

IF 1:50-1:500

## Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat

**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 A431, cellules HEK-293, cellules HeLa, tissu de thymus de souris, tissu pulmonaire de souris, tissu rénal de souris

IHC : tissu testiculaire de souris,

IF : cellules A431,

## Informations générales

Histones are the basic nuclear proteins responsible for the nucleosome structure of the chromosomal fiber. Five classes of histone genes have been reported, some of which are expressed only during S phase, while others are replication independent. The latter are referred to as replacement histones and are expressed in quiescent or terminally differentiated cells. [PMID: 8586426] Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. H3F3A is one replacement histone [PMID:16258499].

## Publications notables

Autrice	Pubmed ID	Journal	Application
Izabela Pereira Vatanabe	33670873	Int J Mol Sci	WB
Siwen Li	36057428	Fish Shellfish Immunol	IF
Xinyu Fu	33862463	Biochem Biophys Res Commun	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.

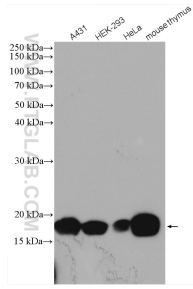
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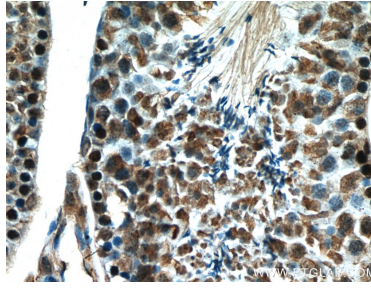
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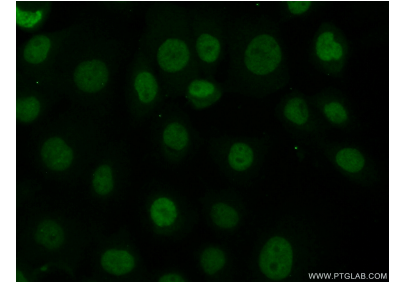
## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 13754-1-AP (Histone H3.3 antibody) at dilution of 1:1000 incubated at 4 degree celsius over night.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 13754-1-AP (Histone H3.3 antibody) at dilution of 1:400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed A431 cells using 13754-1-AP (Histone H3.3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).