

À des fins de recherche uniquement

# Anticorps Monoclonal anti-SUPT16H

Numéro de catalogue: 68243-1-Ig



## Informations de base

Numéro de catalogue:	68243-1-Ig	Numéro d'acquisition GenBank:	NM_007192	Méthode de purification:	Purification par protéine G
Taille:	150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI):	11198	CloneNo.:	1E4C4
Hôte:	Mouse	Nom complet:	suppressor of Ty 16 homolog (S. cerevisiae)	Dilutions recommandées:	WB 1:5000-1:50000 IF 1:500-1:2000
Isotype:	IgG1	MW calculé	120 kDa		
Immunogen Catalog Number:	AG29459	MW observés:	135 kDa		

## Applications

### Applications testées:

IF, WB, ELISA

### Spécificité de l'espèce:

Humain, rat, souris

### Contrôles positifs:

WB : cellules LNCaP, cellules HEK-293, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules MCF-7, cellules NIH/3T3

IF : cellules HeLa,

## Informations générales

SUPT16H, also named as FACT140, FACTP140, SPT16 and CDC68, belongs to the peptidase M24 family and SPT16 subfamily. SUPT16H is a component of the FACT complex, a general chromatin factor that acts to reorganize nucleosomes. The FACT complex is involved in multiple processes that require DNA as a template such as mRNA elongation, DNA replication and DNA repair. During transcription elongation the FACT complex acts as a histone chaperone that both destabilizes and restores nucleosomal structure. It facilitates the passage of RNA polymerase II and transcription by promoting the dissociation of one histone H2A-H2B dimer from the nucleosome, then subsequently promotes the reestablishment of the nucleosome following the passage of RNA polymerase II. The FACT complex is probably also involved in phosphorylation of 'Ser-392' of p53/TP53 via its association with CK2 (casein kinase II). It also involved in vitamin D-coupled transcription regulation via its association with the WINAC complex, a chromatin-remodeling complex recruited by vitamin D receptor (VDR), which is required for the ligand-bound VDR-mediated transrepression of the CYP27B1 gene.

## 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.

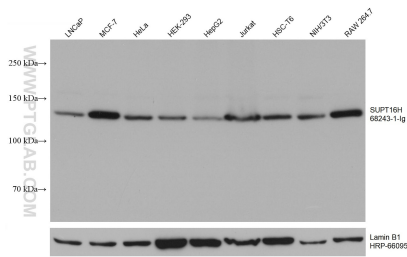
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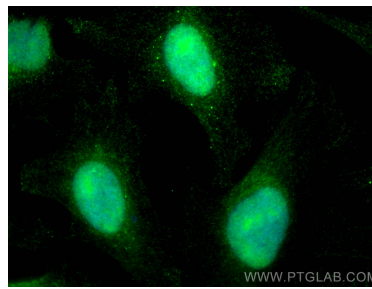
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## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 68243-1-Ig (SUPT16H antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using SUPT16H antibody (68243-1-Ig, Clone: 1E4C4) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).