

À des fins de recherche uniquement

# Anticorps Monoclonal anti-DDX54

Numéro de catalogue: 66664-1-Ig **1 Publications**



## Informations de base

<b>Numéro de catalogue:</b> 66664-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC156669	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 150ul, Concentration: 1300 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 79039	<b>CloneNo.:</b> 1H9F4
<b>Hôte:</b> Mouse	<b>Nom complet:</b> DEAD (Asp-Glu-Ala-Asp) box polypeptide 54	<b>Dilutions recommandées:</b> WB 1:5000-1:50000 IF 1:200-1:800
<b>Isotype:</b> IgG2a	<b>MW calculé:</b> 98 kDa	
<b>Immunogen Catalog Number:</b> AG25289	<b>MW observés:</b> 98 kDa	

## Applications

<b>Applications testées:</b> FC, IF, WB, ELISA	<b>Contrôles positifs:</b>
<b>Demandes citées:</b> IHC, WB	<b>WB :</b> cellules HepG2, cellules HeLa, cellules Jurkat, cellules K-562, cellules LNCaP, cellules MG U-87, cellules PC-3, cellules U-251
<b>Spécificité de l'espèce:</b> Humain, souris	<b>IF :</b> cellules PC-3,
<b>Espèces citées:</b> Humain	

## Informations générales

DDX54, also named as ATP-dependent RNA helicase DDX54, is a 881 amino acid protein, which contains 1 helicase ATP-binding domain and belongs to the DEAD box helicase family. DDX54/DBP10 subfamily. DDX54 localizes in nucleus and interacts in a hormone-dependent manner with nuclear receptors. DDX54 has RNA-dependent ATPase activity and represses the transcriptional activity of nuclear receptors.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yi Yu	33968751	Front Oncol	WB,IHC

## Stockage

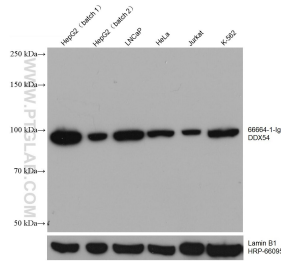
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azote de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

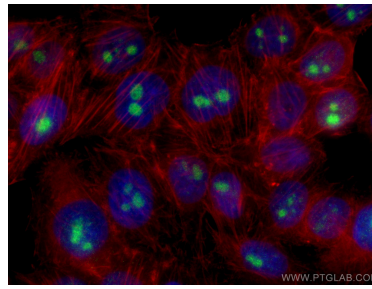
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

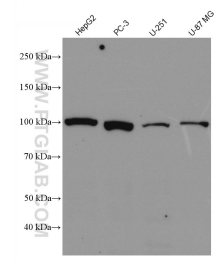
## Données de validation sélectionnées



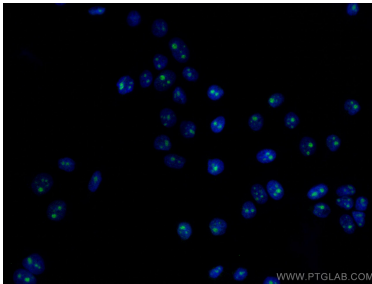
Various lysates were subjected to SDS PAGE followed by western blot with 66664-1-Ig (DDX54 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control.



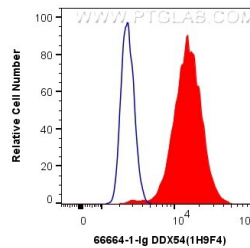
Immunofluorescent analysis of (4% PFA) fixed PC-3 cells using DDX54 antibody (66664-1-Ig, Clone: 1H9F4) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



Various lysates were subjected to SDS PAGE followed by western blot with 66664-1-Ig (DDX54 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed PC-3 cells using DDX54 antibody (66664-1-Ig, Clone: 1H9F4) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



1X10<sup>6</sup> PC-3 cells were intracellularly stained with 0.4 ug Anti-Human DDX54 (66664-1-Ig, Clone:1H9F4) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).