

À des fins de recherche uniquement

# Anticorps Monoclonal anti-DHX37

Numéro de catalogue: 67853-1-Ig



## Informations de base

Numéro de catalogue: 67853-1-Ig	Numéro d'acquisition GenBank: BC037964	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 57647	CloneNo.: 2B12D9
Hôte: Mouse	Nom complet: DEAH (Asp-Glu-Ala-His) box polypeptide 37	Dilutions recommandées: WB 1:2000-1:10000 IF 1:400-1:1600
Isotype: IgG2a	MW calculé 1157 aa, 130 kDa	
Immunogen Catalog Number: AG29909	MW observés: 130-140 kDa	

## Applications

Applications testées:  
IF, WB, ELISA  
Spécificité de l'espèce:  
Humain

### Contrôles positifs:

WB : cellules LNCaP, cellules HEK-293, cellules HeLa,  
cellules Jurkat, cellules K-562  
IF : cellules HeLa,

## Informations générales

DHX37, also known as DDX37, KIAA1517. It is an ATP-bound RNA helicase that plays a role in the maturation of small ribosomal subunits in ribosomal biogenesis (PMID:30582406). The presence of DHX37 in early pre-ribosomal particles was monitored by a quality control pathway, and failure to recruit DHX37 resulted in pre-RRNA degradation. DHX37 binds directly to U3 small nucleolar RNA (snoRNA), and the catalytic activity of the helicase is required for dissociation of U3 small nucleolar RNA from the pre-ribosomal complex. In addition, it plays a role in early testicular development (PMID:31287541, PMID:31337883). It may also have an effect on brain development (PubMed:31256877). It is expressed in the fallopian tubes, ovaries, uterus, testes and brain (PMID: 31256877, PMID: 31337883).

## 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.

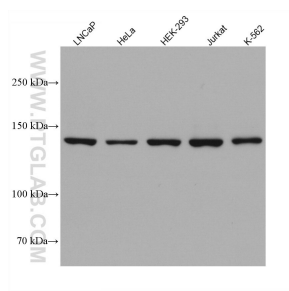
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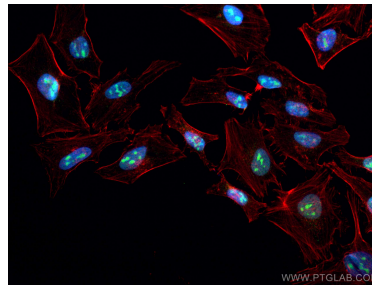
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## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 67853-1-Ig (DHX37 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using DHX37 antibody (67853-1-Ig, Clone: 2B12D9) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).