

À des fins de recherche uniquement

# Anticorps Monoclonal anti-DDX4, VASA



Numéro de catalogue: 67147-2-Ig **1 Publications**

## Informations de base

<b>Numéro de catalogue:</b> 67147-2-Ig	<b>Numéro d'acquisition GenBank:</b> BC047455	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 150ul, Concentration: 1600 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 54514	<b>CloneNo.:</b> 1F12C3
<b>Hôte:</b> Mouse	<b>Nom complet:</b> DEAD (Asp-Glu-Ala-Asp) box polypeptide 4	<b>Dilutions recommandées:</b> WB 1:5000-1:50000 IHC 1:500-1:2000 IF 1:200-1:800
<b>Isotype:</b> IgG1	<b>MW calculé:</b> 690aa, 76 kDa; 724aa, 79 kDa	
<b>Immunogen Catalog Number:</b> AG11630	<b>MW observés:</b> 79 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

Humain, rat, souris

### Contrôles positifs:

WB : cellules SKOV-3, cellules JAR, cellules NCCIT, tissu testiculaire de rat

IHC : tissu testiculaire de souris,

IF : tissu testiculaire de souris,

**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.**

## Informations générales

DEAD box proteins are characterized by nine conserved sequence motifs located on two functional domains. Domain I contains six of these motifs, including the Q motif and the Walker A motif, motifs Ia and Ib, the Walker B motif, and motif III, which may act to link ATPase and helicase activities of the protein [PMID:21653890]. DDX4, a member of the DEAD box family of ATP-dependent RNA helicases, plays a central role in several aspects of germ cell development. Its function is not only required during gametogenesis in the adult but is also essential for the specification of the germ cell lineage during embryogenesis [PMID:20016130].

## Publications notables

Autrice	Pubmed ID	Journal	Application
Ziqian Min	36444304	iScience	

## 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'aliquoteage n'est pas nécessaire pour le stockage à -20C

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

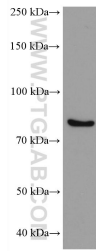
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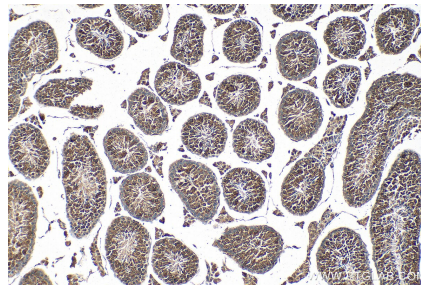
E: proteintech@ptglab.com  
W: ptglab.com

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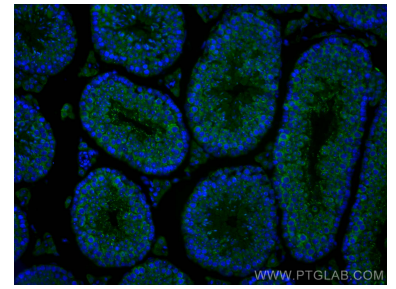
## Données de validation sélectionnées



SKOV-3 cells were subjected to SDS PAGE followed by western blot with 67147-2-Ig (DDX4, VASA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 67147-2-Ig (DDX4, VASA antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using DDX4, VASA antibody (67147-2-Ig, Clone: 1F12C3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).