

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-DDX4, VASA



Numéro de catalogue: 17545-1-AP

1 Publications

## Informations de base

<b>Numéro de catalogue:</b> 17545-1-AP	<b>Numéro d'acquisition GenBank:</b> BC047455	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul, Concentration: 900 µg/ml by Nanodrop and 460 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 54514	<b>Dilutions recommandées:</b> WB 1:20000-1:100000 IHC 1:200-1:800
<b>Hôte:</b> Lapin	<b>Nom complet:</b> DEAD (Asp-Glu-Ala-Asp) box polypeptide 4	
<b>Isotype:</b> IgG	<b>MW calculé:</b> 690aa, 76 kDa; 724aa, 79 kDa	
<b>Immunogen Catalog Number:</b> AG11647	<b>MW observés:</b> 79 kDa	

## Applications

### Applications testées:

IHC, WB, ELISA

### Spécificité de l'espèce:

rat, 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.**

### Contrôles positifs:

WB : tissu testiculaire de souris, tissu testiculaire de rat

IHC : tissu testiculaire de souris,

## 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
Larissa Zarate-Garcia	27301892	Sci Rep	

## 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.

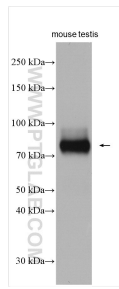
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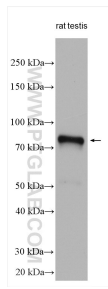
E: proteintech@ptglab.com  
W: ptglab.com

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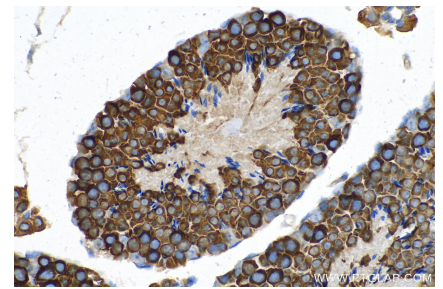
## Données de validation sélectionnées



mouse testis tissue were subjected to SDS PAGE followed by western blot with 17545-1-AP (DDX4,VASA antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



rat testis tissue were subjected to SDS PAGE followed by western blot with 17545-1-AP (DDX4,VASA antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 17545-1-AP (DDX4,VASA antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).