

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-DDX4, VASA



Numéro de catalogue: 51042-1-AP

7 Publications

Informations de base

Numéro de catalogue:

51042-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG0447

Numéro d'acquisition GenBank:

BC047455

Identification du gène (NCBI):

54514

Nom complet:

DEAD (Asp-Glu-Ala-Asp) box polypeptide 4

MW calculé

690aa, 76 kDa; 724aa, 79 kDa

MW observés:

79 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu testiculaire de souris,

IP : tissu testiculaire de souris,

IHC : tissu testiculaire de souris, tissu ovarien de souris

IF : 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
Keiken Ri	36131086	Commun Biol	WB
Buo-Jia Lu	35955560	Int J Mol Sci	IHC
Yuzhu Cao	35834386	STAR Protoc	IF

Stockage

Stockage:

Stocker à -20 °C.

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.

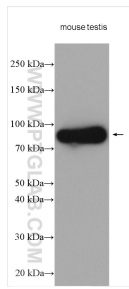
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

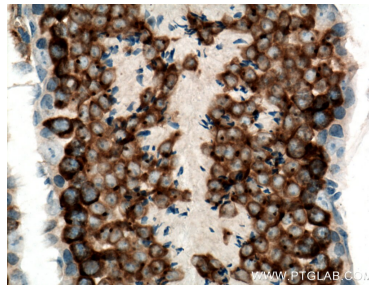
E: proteintech@ptglab.com
W: ptglab.com

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

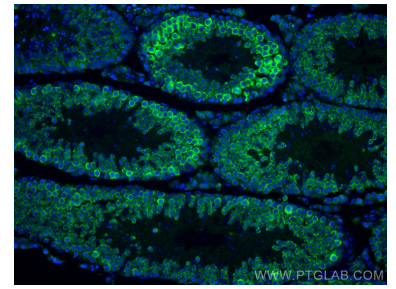
Données de validation sélectionnées



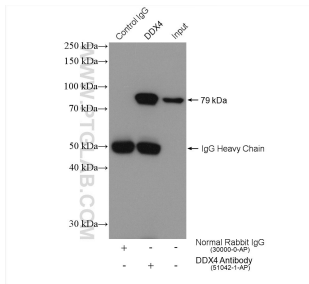
Mouse testis tissue were subjected to SDS PAGE followed by western blot with 51042-1-AP (DDX4,VASA antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 51042-1-AP (DDX4,VASA antibody) at dilution of 1:200 (under 40x 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 (51042-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-DDX4,VASA(IP:51042-1-AP, 4ug; Detection:51042-1-AP 1:500) with mouse testis tissue lysate 2040 ug.