

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-DDX39A



Numéro de catalogue: 11723-1-AP

4 Publications

## Informations de base

Numéro de catalogue:  
11723-1-AP

Taille:  
150ul, Concentration: 400 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG2311

Numéro d'acquisition GenBank:  
BC032128

Identification du gène (NCBI):  
10212  
Nom complet:  
DEAD (Asp-Glu-Ala-Asp) box polypeptide 39

MW calculé:  
427 aa, 49 kDa

MW observés:  
49-55 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 1:500-1:2000 for WB  
IHC 1:50-1:500  
IF 1:200-1:800

## Applications

Applications testées:  
IF, IHC, IP, WB, ELISA

Demandes citées:  
IF, IHC, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, poulet, 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 : cellules HEK-293, cellules A431, cellules HeLa, cellules HepG2, cellules Jurkat, cellules Raji, tissu testiculaire de souris

IP : cellules HEK-293,

IHC : tissu rénal de souris, tissu rénal humain, tissu testiculaire humain

IF : cellules HepG2,

## Informations générales

DDX39A, also named the BAT1 protein, contains the nine conserved motifs that characterize the DEAD-box family of RNA binding proteins. The family includes proteins found in all eukaryotic cell types, with considerable divergence in the sequences lying between the conserved motifs. Some of the motifs were known prior to the definition of the family and are responsible for binding to mRNA or ATP, or possess ATPase activity. Phylogenetic analyses have grouped BAT1 with the defining member of the DEAD-box family, eIF-4. This is a translation initiation factor required for the dissociation of stem/loop structures in mRNA at the ribosomes. This antibody may cross-react with DDX39B.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Lingcai Zhao	36084138	PLoS Pathog	IF, WB
J J David Ho	34644561	Cell Rep	WB
Yewei Bao	34421357	Int J Biol Sci	WB, IHC

## 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.

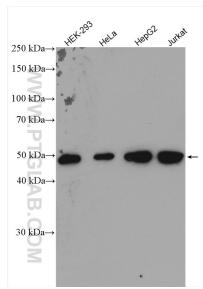
For technical support and original validation data for this product please contact:

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

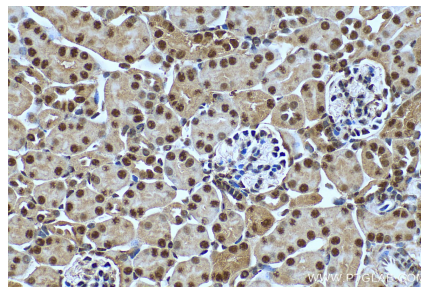
E: proteintech@ptglab.com  
W: ptglab.com

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

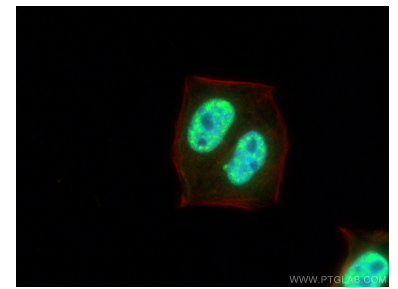
## Données de validation sélectionnées



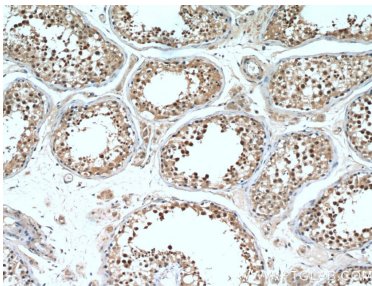
Various lysates were subjected to SDS PAGE followed by western blot with 11723-1-AP (DDX39A antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



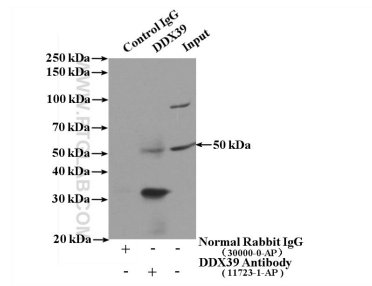
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 11723-1-AP (DDX39A antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DDX39A antibody (11723-1-AP) at dilution of 1:400 and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgC(H+L), CL594-phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human testis using 11723-1-AP (DDX39 antibody) at dilution of 1:50 (under 10x lens).



IP Result of anti-DDX39 (IP:11723-1-AP, 4ug; Detection:11723-1-AP 1:1000) with HEK-293 cells lysate 3000ug.