

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-DHX9



Numéro de catalogue: 17721-1-AP

Phare

31 Publications

Informations de base

Numéro de catalogue: 17721-1-AP	Numéro d'acquisition GenBank: BC014246	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 1660	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:50-1:500 IF 1:400-1:1600
Hôte: Lapin	Nom complet: DEAH (Asp-Glu-Ala-His) box polypeptide 9	
Isotype: IgG	MW calculé: 1270 aa, 141 kDa	
Immunogen Catalog Number: AG12104	MW observés: 140 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

ChIP, CoIP, ELISA, IF, IHC, IP, RIP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules HeLa, cellules Jurkat, tissu splénique de rat, tissu testiculaire de rat, tissu testiculaire de souris

IHC : tissu cérébral de souris, tissu testiculaire de souris

IF : cellules HepG2,

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

RNA helicases play important roles in transcription, RNA processing, translation, and RNA replication. DEAD box proteins are putative RNA helicases that have a characteristic Asp-Glu-Ala-Asp (DEAD) box as 1 of 8 highly conserved sequence motifs. DHX9 a member of the DEAH family of proteins, which possess a double-stranded RNA-binding domain (dsRBD) and a helicase domain [PMID:20569003]. It unwinds double-stranded DNA and RNA in a 3' to 5' direction. Alteration of secondary structure of DHX9 may subsequently influence interactions with proteins or other nucleic acids. It is also a component of the CRD-mediated complex that promotes MYC mRNA stability. In addition, it is involved with LARP6 in the stabilization of type I collagen mRNAs for CO1A1 and CO1A2 [PMID: 19029303, 22190748].

Publications notables

Autrice	Pubmed ID	Journal	Application
Feng Shi	34676915	J Clin Lab Anal	WB,IHC
Liang Liu	36377508	CNS Neurosci Ther	WB,IHC
Nila Roy Choudhury	29117863	BMC Biol	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azotate 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.

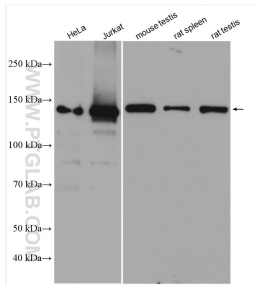
For technical support and original validation data for this product please contact:

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

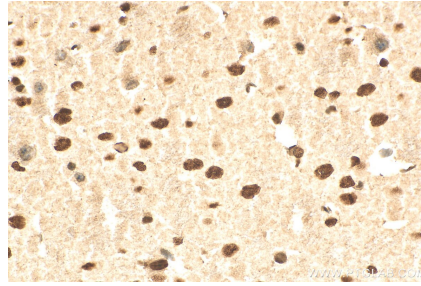
E: proteintech@ptglab.com
W: ptglab.com

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

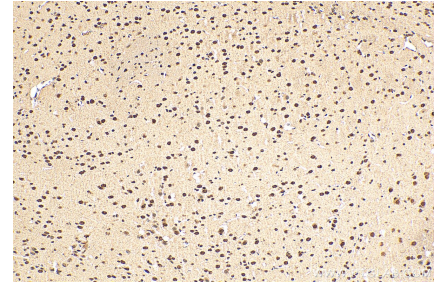
Données de validation sélectionnées



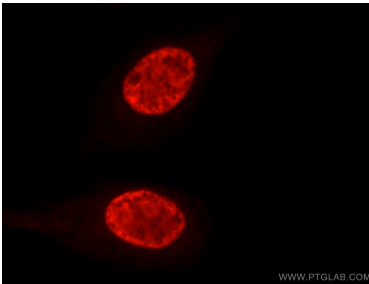
Various lysates were subjected to SDS PAGE followed by western blot with 17721-1-AP (DHX9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



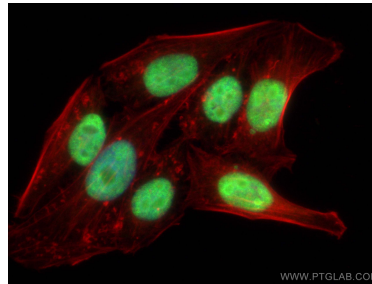
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 17721-1-AP (DHX9 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 17721-1-AP (DHX9 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells, using DHX9 antibody 17721-1-AP at 1:100 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DHX9 antibody (17721-1-AP) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).