

Allgemeine Informationen

Katalog-Nr.: 67153-1-Ig	GenBank-Zugangsnummer: BC014246	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 1861 µg/ml von 1660 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: DEAH (Asp-Glu-Ala-His) box polypeptide 9	CloneNo.: 1B12C10
Wirt: Maus	Berechnete Masse: 1270 aa, 141 kDa	Empfohlene Verdünnungen: WB 1:5000-1:50000 IP 0.5-4.0 µg für IP und 1:5000-1:50000 für WB
Isotyp: IgG1	Beobachtete Masse: 140 kDa	IHC 1:1000-1:4000 IF 1:50-1:500
Immunogen Katalognummer: AG12104		

Anwendungen

Geprüfte Anwendungen: IF, IHC, IP, WB, ELISA	Positivkontrollen:
In Publikationen genannte Anwendungen: IF, WB	WB: MCF-7-Zellen, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen, K-562-Zellen, THP-1-Zellen
Getestete Reaktivität: Human, Maus, Ratte	IP: HeLa-Zellen,
Zitierte Arten: Human, Maus	IHC: Mauseingewebe, humanes Mammakarzinomgewebe
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	IF: HepG2-Zellen,

Hintergrundinformationen

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].

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xingxing Ren	36735791	Sci Adv	WB, IF
Tamara Vital	36793594	Front Oncol	WB

Lagerung

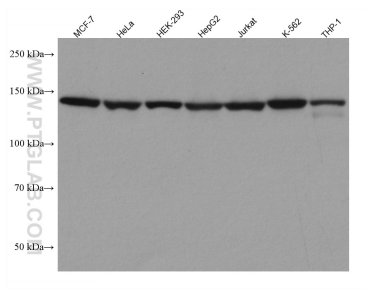
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
 Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

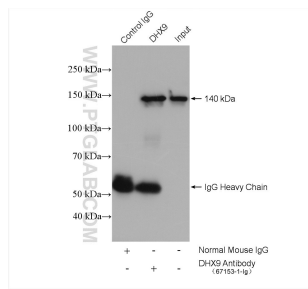
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
 W: ptglab.com

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

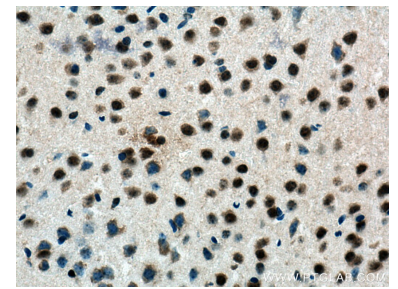
Ausgewählte Validierungsdaten



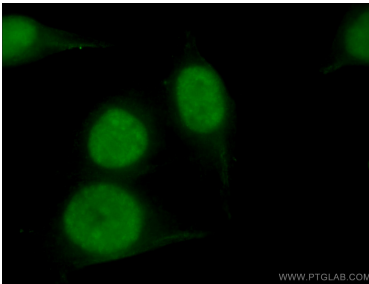
Various lysates were subjected to SDS PAGE followed by western blot with 67153-1-Ig (DHX9 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



IP result of anti-DHX9 (IP:67153-1-Ig, 5ug; Detection:67153-1-Ig 1:20000) with HeLa cells lysate 2000 ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67153-1-Ig (DHX9 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 67153-1-Ig (DHX9 antibody) at dilution of 1:100 and CoralLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).