

For Research Use Only

DHX9 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88165-1-PBS



Basic Information

Catalog Number:

88165-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12807

GenBank Accession Number:

BC014246

GeneID (NCBI):

1660

UNIPROT ID:

Q08211

Full Name:

DEAH (Asp-Glu-Ala-His) box polypeptide 9

Calculated MW:

1270 aa, 141 kDa

Observed MW:

140 kDa

Purification Method:

Protein A purification

CloneNo.:

260493F8

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

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).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

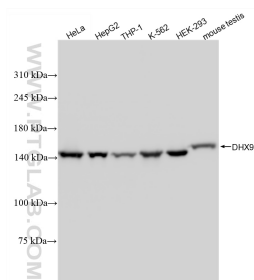
For technical support and original validation data for this product please contact:

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

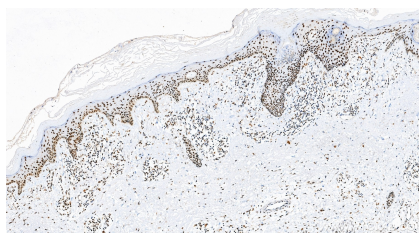
E: proteintech@ptglab.com
W: ptglab.com

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

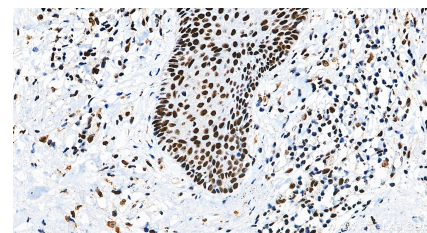
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88165-1-RR (DHX9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88165-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 88165-1-RR (DHX9 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 88165-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 88165-1-RR (DHX9 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 88165-1-PBS in a different storage buffer formulation.