

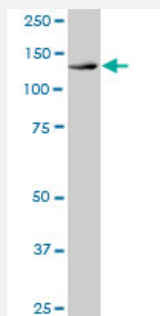
MaxPab®

DHX16 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008449-B01P

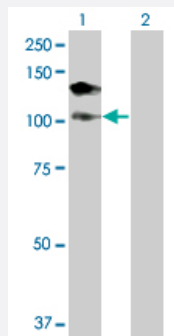
Size 50 ug

Applications



Western Blot (Cell lysate)

DHX16 MaxPab polyclonal antibody. Western Blot analysis of DHX16 expression in Y-79.

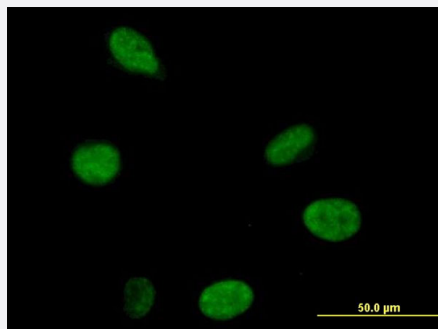


Western Blot (Transfected lysate)

Western Blot analysis of DHX16 expression in transfected 293T cell line ([H00008449-T01](#)) by DHX16 MaxPab polyclonal antibody.

Lane 1: DHX16 transfected lysate(114.62 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DHX16 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human DHX16 protein.

Immunogen	DHX16 (AAH08825, 1 a.a. ~ 1042 a.a) full-length human protein.
Sequence	MATPAGLERWVQDELHSLVGLSERHVAQFLIGTAQRCTSAEEFVQRLRDTDTLDLSGPARDFAL RLWNVKVPRAVVEKPARAAEREARALLEKNRSYRLLEDSEESSEETVSRAGSSLQKKRKKRKH LRKKREEEEEEEASEKGKKKTGGSKQQTEKPESEDEWERTERERLQDLEERDAFAERVQRD KDTRTNVLSRSDKKAYEEAQKRLKMAEEDRKAMVPELRKKSRRREYLAKREREKLEDLEAELAD EEFLFGDVLSRHERQELKYKRRVRDLAREYRAAGEQEKEATNRYHMPKETRGQPARAVDLVE EESGAPGEEQRRWEEARLGAASLKFGARDAASQEPKYQLVLEEEETIEFVRATQLQGDEEPSA PPTSTQAQQKESIQAVRRSLPVFPFREEELLAAIANHQVLIIEGETGSGKTTQIPQYLFEEGYTNKGM KIACTQPRRVAAMSVAARVAREMGVKGNEVGYSIRFEDCTSERTVLRYMTDGMILLREFLSEPD ASYSVVMVDEAHERTLHTDILFGLIKDVARFRPELKVLVASATMDTARFSTFFDDAPVFRIPGRF PVDIFYTKAPEADYLEACVVSVLQIHVTQPPGDILVFLTGQEEIEAACEMLDRCRRLGSKIRELLV LPIYANLPSDMQARIFQPTPPGARKVVVATNIAETSLTIEGIYVLDPGFCKQKSYNPRTGMESLTVT PCSKASANQRAGRAGRVAAGKCFRLYTAWAYQHELEETTVEIQRTSLGNVLLLLKSLGIHDLMH FDFLDPPPYETLLLALEQLYALGALNHLGELTTSGRKMAELPVDPMLSKMILASEKYSCSEEILTV AMLSVNNSIFYRPKDKVVHADNARVNFFLPGGDHLVLLNVYTQWAEESGYSSQWCYENFVQFRS MRRARDVREQLEGLLERVEVGLSSCQGDYIRVRKAITAGYFYHTARLTRSGYRTVKQQQTVFIHPN SSLFEQQPRWLLYHELVLTTKEFMRQVLEIESSWLLEVAPHYKAKELEDPHAKKMPKKKIGKTR EELG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (96)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

DHX16 MaxPab polyclonal antibody. Western Blot analysis of DHX16 expression in Y-79.

[Protocol Download](#)

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DHX16 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — DHX16

Entrez GeneID [8449](#)

GeneBank Accession# [BC008825](#)

Protein Accession# [AAH08825](#)

Gene Name DHX16

Gene Alias DBP2, DDX16, PRO2014, PRP8

Gene Description DEAH (Asp-Glu-Ala-His) box polypeptide 16

Omim ID [603405](#)

Gene Ontology [Hyperlink](#)

Gene Summary

DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which is a functional homolog of fission yeast Prp8 protein involved in cell cycle progression. This gene is mapped to the MHC region on chromosome 6p21.3, a region where many malignant, genetic and autoimmune disease genes are linked. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

ATP-dependent RNA helicase #3|DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 16|DEAD/H box 16|OTTHUMP00000029071|Putative pre-mRNA splicing factor RNA helicase (ATP-dependent RNA helicase #3) (DEAH-box protein 16)|RNA helicase

Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)