

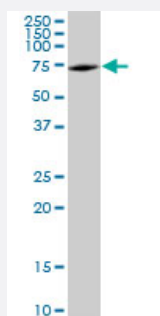
MaxPab®

DDX5 MaxPab mouse polyclonal antibody (B01)

Catalog # H00001655-B01

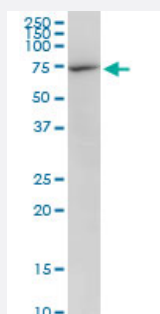
Size 50 uL

Applications



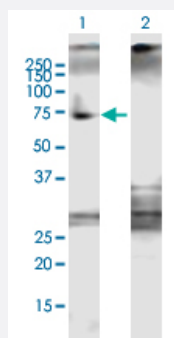
Western Blot (Cell lysate)

DDX5 MaxPab polyclonal antibody. Western Blot analysis of DDX5 expression in HeLa S3 NE.



Western Blot (Cell lysate)

DDX5 MaxPab polyclonal antibody. Western Blot analysis of DDX5 expression in Raw 264.7.

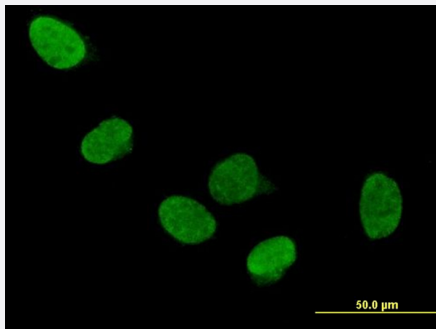


Western Blot (Transfected lysate)

Western Blot analysis of DDX5 expression in transfected 293T cell line ([H00001655-T01](#)) by DDX5 MaxPab polyclonal antibody.

Lane 1: DDX5 transfected lysate(67.54 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DDX5 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human DDX5 protein.
Immunogen	DDX5 (AAH16027, 1 a.a. ~ 614 a.a) full-length human protein.
Sequence	MSGYSSDRDRGRDRGFGAPRFGGSRAGPLSGKKFGNPGEKLVKKKWNLDELPKFEKNFYQEH PDLARRTAQEVETYSRKEITVRGHNCPPVLFNFYEANFPANVMDVIARQNFTEPTAIQAQGWPV ALSGLDMSGVAQTGSGKTLSTLLPAMHINHQPFLERGDGPICLVLAPTRELAQQVQQVAAEYCRA CRLKSTCIYGGAPKGPQIRDLERGVETIATPGRIDFLECGKTNLRRTTYLVLDEADRMMLDMGFEP QIRKVDQIRPDRQTLMWSATWPKEVRQLAEDFLKDYIHINIGALELSANHNILQMDVCHDVEKDEK LIRLMEEIMSEKENKTIVFVETKRRCDLTKMRRDGGWPAMGIHGDKSQQERDWWLNEFKHGKA PILATDVASRGDLVEDVKFVINYPNSSEDIHRIKRTARSTKTGTAYFFTPNNIKQVSDLSVLRE ANQAINPKLLQLVEDRSGSRGRGGMKDDRRDRYSAGKRGGFNTFRDRENYDRGYSSLLKRD FGAKTQNGVYSAANYTNGSFGSNFVSAGIQTSFRTGNPTGTQNGYDSTQQYGSNVPNMHNGMN QQAYAYPATAAAPMIGYPMPTGYSQ
Host	Mouse
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Cell lysate)

DDX5 MaxPab polyclonal antibody. Western Blot analysis of DDX5 expression in Hela S3 NE.

[Protocol Download](#)

- Western Blot (Cell lysate)

DDX5 MaxPab polyclonal antibody. Western Blot analysis of DDX5 expression in Raw 264.7.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of DDX5 expression in transfected 293T cell line ([H00001655-T01](#)) by DDX5 MaxPab polyclonal antibody.

Lane 1: DDX5 transfected lysate(67.54 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DDX5 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — DDX5

Entrez GeneID	1655
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GeneBank Accession#	BC016027
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Protein Accession#	AAH16027
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Gene Name	DDX5
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Gene Alias	DKFZp434E109, DKFZp686J01190, G17P1, HLR1, HUMP68, p68
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Gene Description	DEAD (Asp-Glu-Ala-Asp) box polypeptide 5
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Omim ID	180630
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Gene Ontology	Hyperlink
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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 RNA-dependent ATPase, and also a proliferation-associated nuclear antigen, specifically reacting with the simian virus 40 tumor antigen. This gene consists of 13 exons, and alternatively spliced transcripts containing several intron sequences have been detected, but no isoforms encoded by these transcripts have been identified. [provided by RefSeq]

Other Designations

ATP-dependent RNA helicase DDX5|DEAD box-5|DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 5 (RNA helicase, 68kD)

Publication Reference

- [DDX17 promotes the production of infectious HIV-1 particles through modulating viral RNA packaging and translation frameshift.](#)

Lorgeoux RP, Pan Q, Le Duff Y, Liang C.

Virology 2013 Sep; 443(2):384.

Application: WB-Tr, Human, HeLa cells

Disease

- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)