

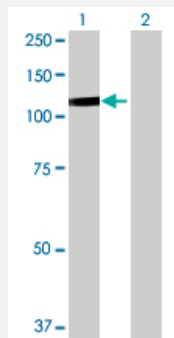
MaxPab®

DDX54 MaxPab mouse polyclonal antibody (B01)

Catalog # H00079039-B01

Size 50 uL

Applications

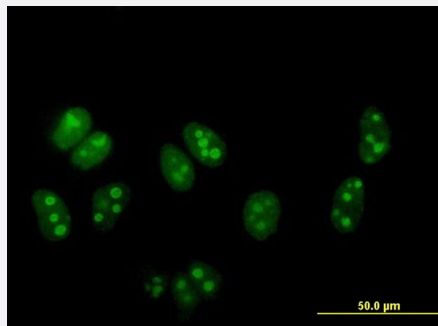


Western Blot (Transfected lysate)

Western Blot analysis of DDX54 expression in transfected 293T cell line ([H00079039-T01](#)) by DDX54 MaxPab polyclonal antibody.

Lane 1: DDX54 transfected lysate(96.91 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DDX54 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human DDX54 protein.

Immunogen

DDX54 (NP_076977.3, 1 a.a. ~ 881 a.a) full-length human protein.

Sequence	MAADKGPAAGPRSRAMAQWRKKKGLRKRRGAASQARGSDSEDFEIQAEEDARARKLGP GRPLPTFPTSECTSDVEPDTRMVRANKKKKKSGGFQSMGLSYPVFKGIMKKGYKVPPIQRK TIPVILDGKDVVAMARTGSGKTACFLLPMFERLKTHSAQTGARALILSPTRELALQTLKFTKELGKF TGLKTALILGGDRMEDQFAALHENPDIIATPGRLVHVAVEMSLKLSVEYVVFDEADRLFEMGFA EQLQEIIARLPGGHQTVLFSATLPKLLVEFARAGLTPEVLIRLDVDTKLNEQLKTSFFLVREDTKAA VLLHLLHNVRPQDQTVVFVATKHAEYLTLLTTQRVSCAHYSALDPTARKINLAKFTLGKCSSTLI VTDLAARGLDIPLLDNVINYSFPAKGKFLHRVGRVARAGRS GTAYSLVAPDEIPYLLDLHLFLGRS LTLARPLKEPSGVAGVDGMLGRVPQSVVDEEDSGLQSTLEASLELRGLARVADNAQQQYVRSR PAPSPESIKRAKEMDLVGLGLHPLFSSRFEEEEELQRLRLVDSIKNYRSRATIFEINASSRDLCSQV MRAKRQKDRKAIARFQQGQQGRQEQQEGPVGPA PSRPALQEKQPEKEEEEEAGESVEDIFSEV VGRKRQRSGPNRGAKRRREEARQRDQEFYIPYRPKDFD SERGLSISGEGGA FEQQAAGAVLDL MGDEAQNLTRGRQQLKWDRKKKRFVGGSGQEDKKKIKTESGRYSSSYKRDLYQKWQKQKIDD RDSDEEGASDRRGPERRGKRD RGQASRPHAGTPAGRVRP ELKTKQQLKQRRRAQKLHFL QRGGLKQLSARNRRRVQELQQGAFGRGARSKKGKMRKRM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (84)
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

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[Protocol Download](#)

- Immunofluorescence

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Gene Info — DDX54

Entrez GeneID	79039
GeneBank Accession#	NM_024072.3
Protein Accession#	NP_076977.3
Gene Name	DDX54
Gene Alias	DP97, MGC2835
Gene Description	DEAD (Asp-Glu-Ala-Asp) box polypeptide 54
Omim ID	611665
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the DEAD box protein family. 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. The nucleolar protein encoded by this gene interacts in a hormone-dependent manner with nuclear receptors, and represses their transcriptional activity. Alternative splice variants that encode different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	ATP-dependent RNA helicase DEAD box helicase 97 KDa