

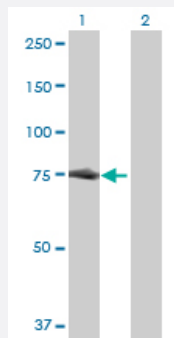
MaxPab®

DDX3Y MaxPab mouse polyclonal antibody (B01)

Catalog # H00008653-B01

Size 50 uL

Applications

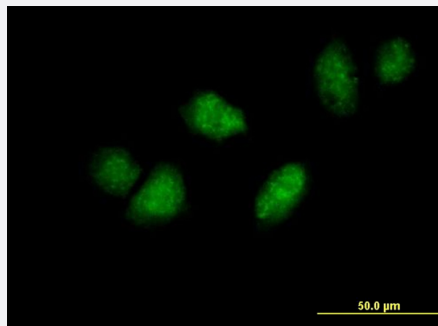


Western Blot (Transfected lysate)

Western Blot analysis of DDX3Y expression in transfected 293T cell line ([H00008653-T01](#)) by DDX3Y MaxPab polyclonal antibody.

Lane 1: DDX3Y transfected lysate(72.6 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DDX3Y on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human DDX3Y protein.

Immunogen

DDX3Y (NP_004651.2, 1 a.a. ~ 660 a.a) full-length human protein.

Sequence	MSHVVVKNDPELDQQLANLDLNSEKQSGGASTASKGRYIPPHLRNREASKGFHDKDSSGWSCS KDKDAYSSFGSRDSRGKPGYFSEKSGSRGRFDDRGRSDYDGIGNRERPGFGRFERSGHSRW CDKSVEDDWSKPLPPSERLEQELFSGGNTGINFEKYDDIPVEATGSNCPPHIENFSIDMGEIMG NIELTRYTRPTPVQKHAIPKIGKRDLMACAQTGSGKTAFLPILSQIYTDGPGEALKAVKENGRYG RRKQYPISLVLAPTRELAVQIYEEARKFSYRSRVRPCVVYGGADIGQQIRDLERGCHLLVATPGRLV DMMERGGKIGLDFCKYLVLEADRMMLDMGFEPQIRRV EQDTMPKGV RHTMMFSATFPKEIQMLA RDFLDEYIFLAVGRVGSTSENITQVWVVEDLDKRSFLLDILGATGSDSLTLVFVETKKGADSLED FLYHEGYACTSIHGDRSQRDREELHQFRSGKSPILVATAVAARGLDISNVRHVINFDLPSDIEEYV HRIGRTGRVGNLGLATSFNEKNMNMNITKDLLLVEAKQEVPSWLENMAYEHYKGGSRGRSKSN RFSGGF GARDYRQSSGSSSSGFGASRGSSSRSGGGGYGNSRGFGGGGYGGFYNSDGYGGNYN SQGVDWWGN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89)
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.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DDX3Y on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — DDX3Y

Entrez GeneID [8653](#)

GeneBank Accession# [NM_004660.2](#)

Protein Accession#	NP_004651.2
Gene Name	DDX3Y
Gene Alias	DBY
Gene Description	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked
Omim ID	400010
Gene Ontology	Hyperlink
Gene Summary	<p>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, and it has a homolog on the X chromosome. The gene mutation causes male infertility, Sertoli cell-only syndrome or severe hypospermatogenesis, suggesting that this gene plays a key role in the spermatogenic process. Alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]</p>
Other Designations	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide, Y chromosome OTTHUMP00000034504