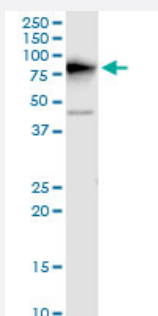


DDX3Y monoclonal antibody (M01), clone 2D7

Catalog # H00008653-M01

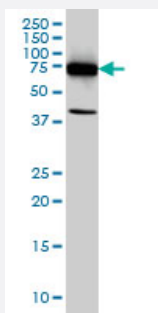
Size 100 ug

Applications



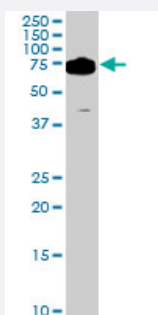
Western Blot (Tissue lysate)

DDX3Y monoclonal antibody (M01), clone 2D7. Western Blot analysis of DDX3Y expression in mouse testis.



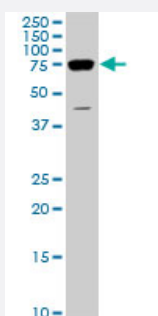
Western Blot (Cell lysate)

DDX3Y monoclonal antibody (M01), clone 2D7 Western Blot analysis of DDX3Y expression in HeLa (Cat # L013V1).



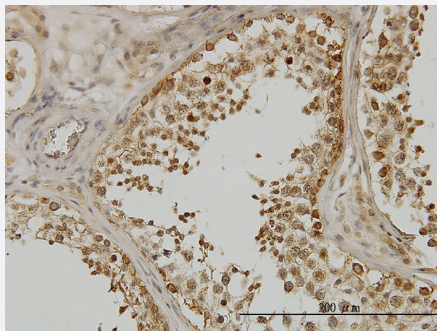
Western Blot (Cell lysate)

DDX3Y monoclonal antibody (M01), clone 2D7. Western Blot analysis of DDX3Y expression in Raw 264.7 (Cat # L024V1).



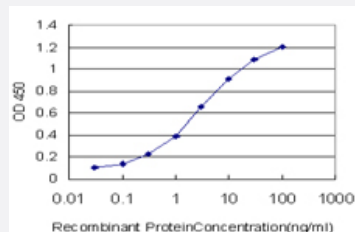
Western Blot (Cell lysate)

DDX3Y monoclonal antibody (M01), clone 2D7. Western Blot analysis of DDX3Y expression in NIH/3T3 (Cat # L018V1).



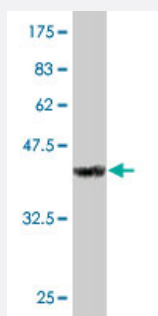
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to DDX3Y on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DDX3Y is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (34.54 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DDX3Y.
Immunogen	DDX3Y (NP_004651, 1 a.a. ~ 80 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSHVVVKNDPELDQQLANLDLNSEKQSGGASTASKGRYIPPHLRNREASKGFHDKDSSGWSCSKDKDAYSSFGSRDSRGK
Host	Mouse
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (73)
Isotype	IgG1 Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (34.54 KDa) .

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 (Tissue lysate)

DDX3Y monoclonal antibody (M01), clone 2D7. Western Blot analysis of DDX3Y expression in mouse testis.

[Protocol Download](#)

- Western Blot (Cell lysate)

DDX3Y monoclonal antibody (M01), clone 2D7 Western Blot analysis of DDX3Y expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

DDX3Y monoclonal antibody (M01), clone 2D7. Western Blot analysis of DDX3Y expression in Raw 264.7 (Cat # L024V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

DDX3Y monoclonal antibody (M01), clone 2D7. Western Blot analysis of DDX3Y expression in NIH/3T3 (Cat # L018V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to DDX3Y on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DDX3Y is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — DDX3Y

Entrez GeneID	8653
GeneBank Accession#	NM_004660
Protein Accession#	NP_004651
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