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Datasheet for ABIN6139496  
**anti-DDX3Y antibody (AA 1-210)**

7 Images

Overview

Quantity:	100 µL
Target:	DDX3Y
Binding Specificity:	AA 1-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX3Y antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-210 of human DDX3Y (NP_001116137.1).
Sequence:	MSHVVVKNDP ELDQQLANLD LNSEKQSGGA STASKGRYIP PHLRNREASK GFHDKDSSGW SCSKDKDAYS SFGSRDSRGK PGYFSERGS SRGRFDDRGR SDYDGIGNRE RPFGRFRERS GHSRWCDKSV EDDWSKPLPP SERLEQELFS GGNTGINFEK YDDIPVEATG SNCPPHIENF SDIDMGEIIM GNIELTRYTR PTPVQKHAIP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	DDX3Y
Alternative Name:	DDX3Y ( <a href="#">DDX3Y Products</a> )
Background:	<p>The protein encoded by this gene is a member of the DEAD-box RNA helicase family, characterized by nine conserved motifs, included the conserved Asp-Glu-Ala-Asp (DEAD) motif. These motifs are thought to be involved in ATP binding, hydrolysis, RNA binding, and in the formation of intramolecular interactions. This protein shares high similarity to DDX3X, on the X chromosome, but a deletion of this gene is not complemented by DDX3X. Mutations in this gene result in male infertility, a reduction in germ cell numbers, and can result in Sertoli-cell only syndrome. Pseudogenes sharing similarity to both this gene and the DDX3X paralog are found on chromosome 4 and the X chromosome. Alternative splicing results in multiple transcript variants encoding different isoforms.,DDX3Y,DBY,Cell Biology &amp; Developmental Biology,Stem Cells,Germline Stem Cells,DDX3Y</p>
Molecular Weight:	32 kDa/72 kDa/73 kDa
Gene ID:	8653
UniProt:	<a href="#">O15523</a>

## Application Details

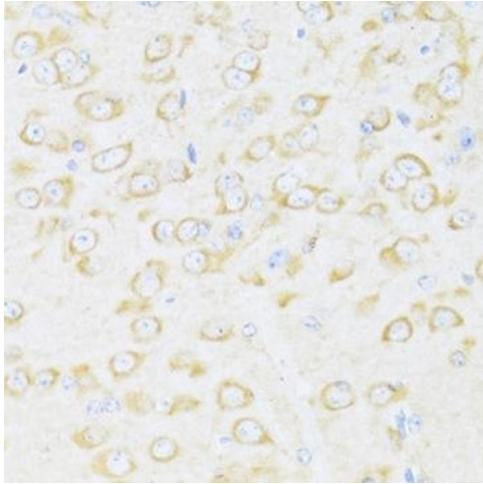
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Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:100,IF,1:50 - 1:100
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

## Handling

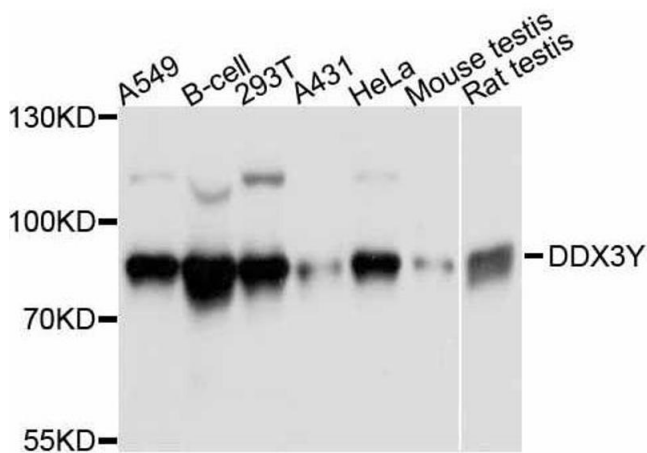
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



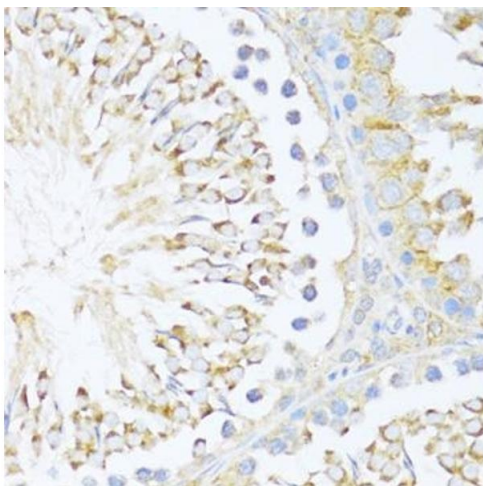
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded mouse brain using DDX3Y antibody (ABIN6130260, ABIN6139496, ABIN6139497 and ABIN6215395) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using DDX3Y antibody.



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded rat testis using DDX3Y antibody (ABIN6130260, ABIN6139496, ABIN6139497 and ABIN6215395) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN6139496.