

Datasheet for ABIN7255736

anti-DDX3Y antibody

7 Images

[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	DDX3Y
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX3Y antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human DDX3Y (NP_001116137.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	DDX3Y
Alternative Name:	DDX3Y (DDX3Y Products)
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</p>

Target Details

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.

Gene ID: 8653

UniProt: [O15523](#)

Application Details

Application Notes: IHC 1:50-1:100 IF 1:50-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

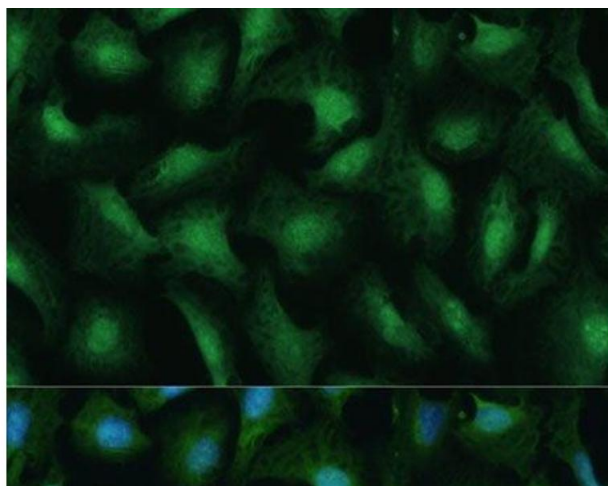
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

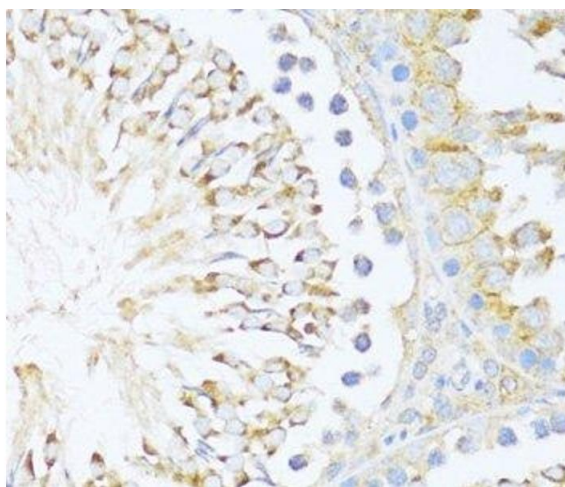
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



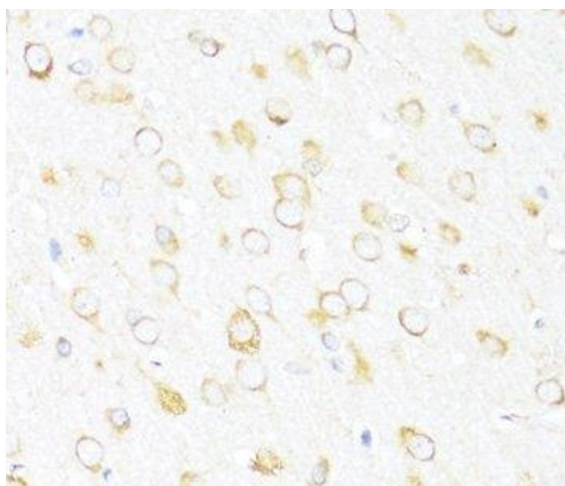
Immunofluorescence

Image 1. Immunofluorescence analysis of U-2 OS cells using DDX3Y Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Rat testis using DDX3Y Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Rat brain using DDX3Y Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7255736.