

DDX3Y Polyclonal Antibody

Catalog No: #29088



Package Size: #29088-1 50ul #29088-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

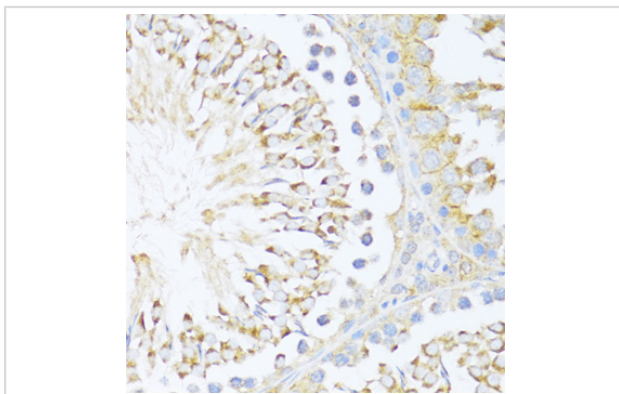
Description

Product Name	DDX3Y Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human DDX3Y (NP_001116137.1).
Other Names	DDX3Y;DBY
Accession No.	GeneID:8653Swiss Prot:O15523
Calculated MW	32kDa/72kDa/73kDa
SDS-PAGE MW	73kDa
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 19% glycerol.
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.149.

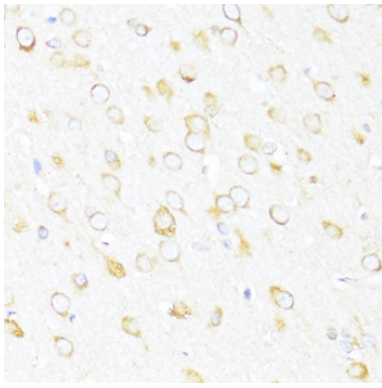
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:100 IF □ 1:50 - 1:100

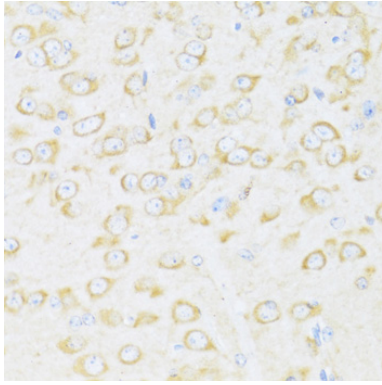
Images



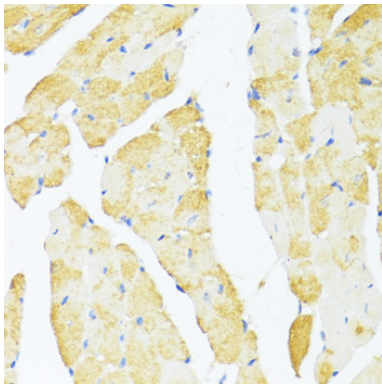
Immunohistochemistry of paraffin-embedded rat testis using DDX3Y antibody at dilution of 1:100 .



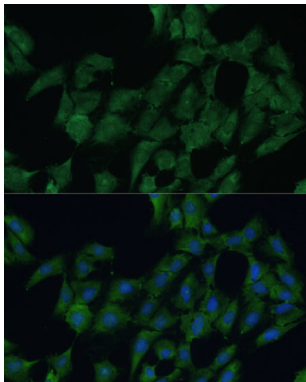
Immunohistochemistry of paraffin-embedded rat brain using DDX3Y antibody at dilution of 1:100 .



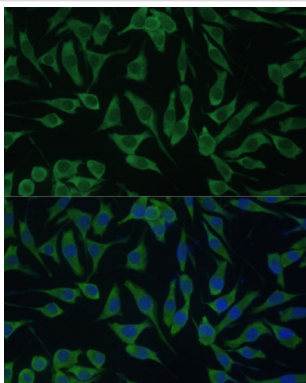
Immunohistochemistry of paraffin-embedded mouse brain using DDX3Y antibody at dilution of 1:100 .



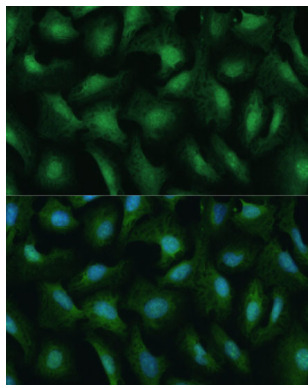
Immunohistochemistry of paraffin-embedded mouse heart using DDX3Y antibody at dilution of 1:100 .



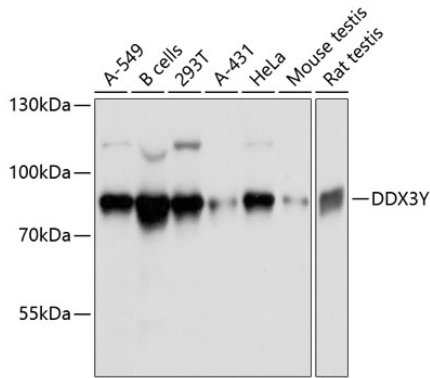
Immunofluorescence analysis of C6 cells using DDX3Y Polyclonal Antibody at dilution of 1:100 . Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using DDX3Y Polyclonal Antibody at dilution of 1:100 . Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using DDX3Y Polyclonal Antibody at dilution of 1:100 . Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using DDX3Y antibody at 1:3000 dilution.

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.