

Rabbit DDX3Y Polyclonal Antibody | anti-DDX3Y antibody

DDX3Y Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30552	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

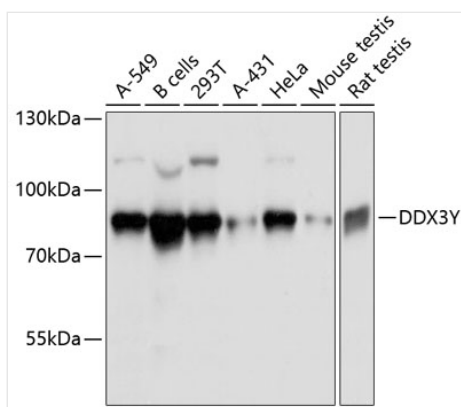
PRODUCT SYNONYMS

DDX3Y; Polyclonal Antibody; DDX3Y Polyclonal Antibody; DBY; anti-DDX3Y antibody

PRODUCT SPECIFICATIONS

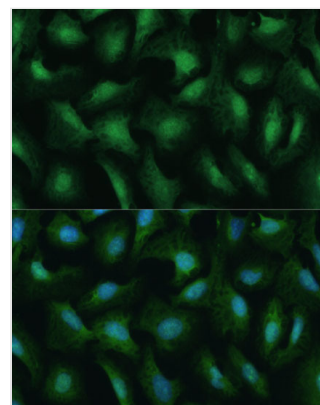
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH7.4, 150mM NaCl, 0.02% sodium azide and 196% glycerol. PBS with 0.02% sodium azide, 50% glycerol, pH7.149
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-DDX3Y antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:100 IF: 1:50-1:100
Immunogen	Recombinant fusion protein of human DDX3Y (NP_001116137.1)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



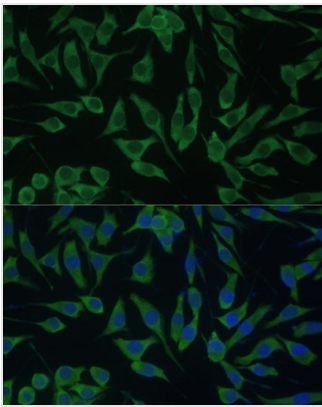
WB (Western Blot)

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



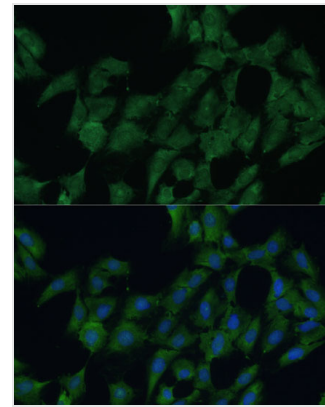
IF (Immunofluorescence)

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



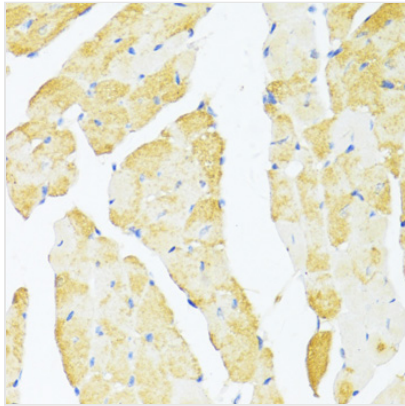
IF (Immunofluorescence)

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



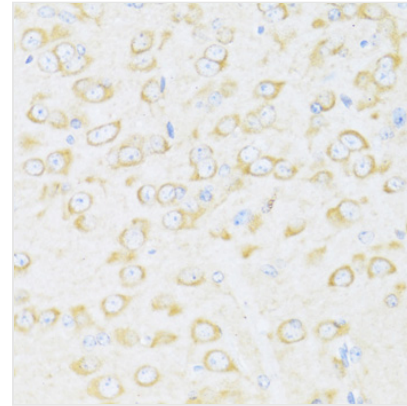
IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Related Product Information for anti-DDX3Y antibody	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.
Product Categories/Family for anti-DDX3Y antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	169881239
NCBI GeneID	8653
NCBI Accession #	NP_001116137.1
NCBI GenBank Nucleotide #	NM_001122665.1
UniProt Accession #	O15523 ; Q8IYV7
Molecular Weight	73,154 Da
NCBI Official Full Name	ATP-dependent RNA helicase DDX3Y

NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked
NCBI Official Symbol	DDX3Y
NCBI Official Synonym Symbols	DBY
NCBI Protein Information	ATP-dependent RNA helicase DDX3Y; DEAD box protein 3, Y-chromosomal; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide, Y chromosome
UniProt Protein Name	ATP-dependent RNA helicase DDX3Y
UniProt Gene Name	DDX3Y
UniProt Synonym Gene Names	DBY
UniProt Entry Name	DDX3Y_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ddx3y-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30552>