

Rabbit DDX50 Polyclonal Antibody | anti-DDX50 antibody

DDX50 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30711	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

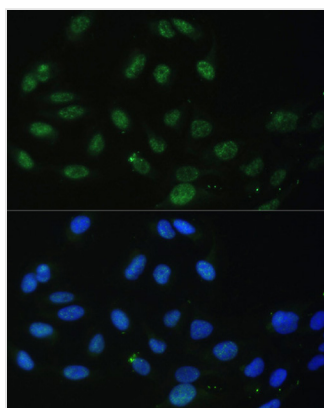
PRODUCT SYNONYMS

DDX50; Polyclonal Antibody; DDX50 Rabbit Polyclonal Antibody; GU2; GUB; RH-II/GuB; mcdrh; anti-DDX50 antibody

PRODUCT SPECIFICATIONS

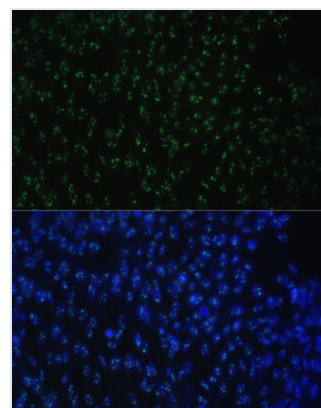
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-DDX50 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:200-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of human DDX50 (NP_076950.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



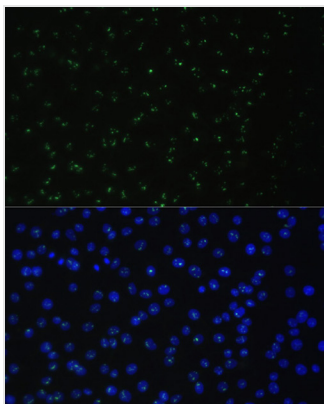
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using DDX50 at dilution of 1:100. Blue: DAPI for nuclear staining.



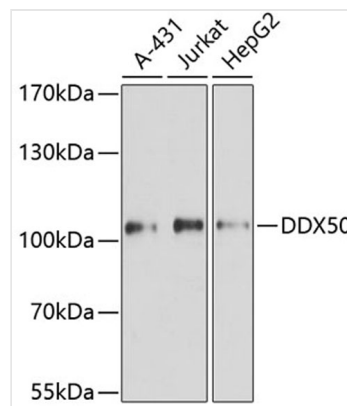
IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using DDX50 at dilution of 1:100. Blue: DAPI for nuclear staining.



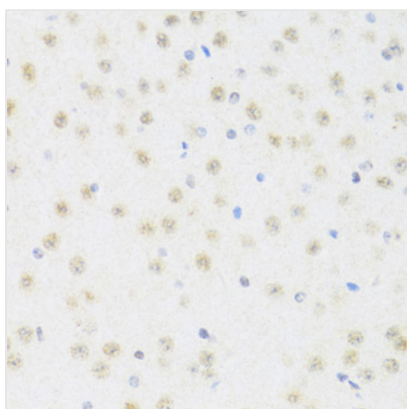
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using DDX50 at dilution of 1:100. Blue: DAPI for nuclear staining.



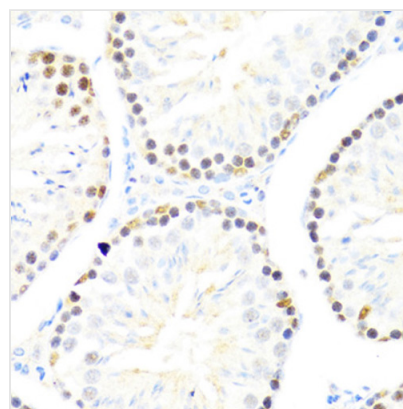
WB (Western Blot)

Western blot analysis of extracts of various cell lines, using DDX50 at 1:3000 dilution.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using DDX50 at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse testis using DDX50 at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-DDX50 antibody	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 DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box enzyme that may be involved in ribosomal RNA synthesis or processing. This gene and DDX21, also called RH-II/GuA, have similar genomic structures and are in tandem orientation on chromosome 10, suggesting that the two genes arose by gene duplication in evolution. This gene has pseudogenes on chromosomes 2, 3 and 4. Alternative splicing of this gene generates multiple transcript variants, but the full length nature of all the other variants but one has not been defined.
Product Categories/Family for anti-DDX50 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	13129006
NCBI GeneID	79009
NCBI Accession #	NP_076950.1
NCBI GenBank Nucleotide #	NM_024045.1
UniProt Accession #	Q9BQ39; Q5VX37; Q8WV76; Q9BW18

Molecular Weight	82,565 Da
NCBI Official Full Name	ATP-dependent RNA helicase DDX50
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box polypeptide 50
NCBI Official Symbol	DDX50
NCBI Official Synonym Symbols	GU2; GUB; mcdrh; RH-II/GuB
NCBI Protein Information	ATP-dependent RNA helicase DDX50; gu-beta; DEAD box protein 50; nucleolar protein GU2; RNA helicase II/Gu beta; malignant cell derived RNA helicase
UniProt Protein Name	ATP-dependent RNA helicase DDX50
UniProt Gene Name	DDX50
UniProt Entry Name	DDX50_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ddx50-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30711>