

Rabbit DDX41 Polyclonal Antibody | anti-DDX41 antibody

DDX41 Polyclonal Antibody

CATALOG # AAA37584	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

DDX41; Polyclonal Antibody; DDX41 Polyclonal Antibody; ABS; anti-DDX41 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	622
Applicable Applications for anti-DDX41 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human DDX41
Calculated Molecular Weight	69kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



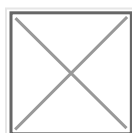
IP (Immunoprecipitation)

Immunoprecipitation analysis of 200ug extracts of 293T cells using 1ug DDX41 antibody. Western blot was performed from the immunoprecipitate using DDX41 antibody at a dilution of 1:1000.



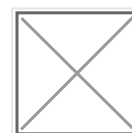
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse testis using DDX41 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat testis using DDX41 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using DDX41 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using DDX41 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-DDX41 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 the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a member of this family. The function of this member has not been determined. Based on studies in Drosophila, the abstract gene is widely required during post-transcriptional gene expression.
Product Categories/Family for anti-DDX41 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	20532370
NCBI GeneID	51428
UniProt Accession #	Q9UJV9; Q96BK6; Q96K05; Q9NT96; Q9NW04; B2RDC8
Molecular Weight	622
NCBI Official Full Name	Probable ATP-dependent RNA helicase DDX41
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box polypeptide 41
NCBI Official Symbol	DDX41
NCBI Official Synonym Symbols	ABS
NCBI Protein Information	probable ATP-dependent RNA helicase DDX41; 2900024F02Rik; DEAD box protein 41; putative RNA helicase; DEAD-box protein abstract; DEAD box protein abstract homolog
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX41
UniProt Gene Name	DDX41
UniProt Synonym Gene Names	ABS
UniProt Entry Name	DDX41_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://stage.aaabiotech.com/polyclonal/ddx41-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37584>