

Rabbit DDX1 Polyclonal Antibody | anti-DDX1 antibody

DDX1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28165	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

DDX1; Polyclonal Antibody; DDX1 Polyclonal Antibody; DBP-RB; UKVH5d; anti-DDX1 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	740
Applicable Applications for anti-DDX1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human DDX1
Calculated Molecular Weight	82kDa
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 100ug extracts of 293T cells using 3ug DDX1 antibody. Western blot was performed from the immunoprecipitate using DDX1 antibody at a dilution of 1:1000.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using DDX1 antibody. Blue: DAPI for nuclear staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human leiomyoma of uterus using DDX1 Antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded mouse brain using DDX1 Antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded mouse lung using DDX1 Antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded rat brain using DDX1 Antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-DDX1 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 family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein of unknown function. It shows high transcription levels in 2 retinoblastoma cell lines and in tissues of neuroectodermal origin.
Product Categories/Family for anti-DDX1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	6919862
NCBI GeneID	1653
UniProt Accession #	Q92499 ; B4DME8 ; B4DPN6
Molecular Weight	740
NCBI Official Full Name	ATP-dependent RNA helicase DDX1
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box helicase 1
NCBI Official Symbol	DDX1
NCBI Official Synonym Symbols	DBP-RB; UKVH5d
NCBI Protein Information	ATP-dependent RNA helicase DDX1; DEAD box-1; DEAD box protein 1; DEAD box polypeptide 1; DEAD box protein retinoblastoma; DEAD (Asp-Glu-Ala-Asp) box polypeptide 1; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 1
UniProt Protein Name	ATP-dependent RNA helicase DDX1
UniProt Gene Name	DDX1
UniProt Synonym Gene Names	DBP-RB
UniProt Entry Name	DDX1_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/ddx1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/28165>