

Rabbit anti-Human DDX1 Polyclonal Antibody | anti-DDX1 antibody

Rabbit anti-DDX1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210998	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

DDX1; Polyclonal Antibody; Rabbit anti-DDX1 Antibody; Affinity Purified; DEAD box protein retinoblastoma; ATP-dependent RNA helicase DDX1; DEAD/H-box helicase 1; UKVH5d; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 1; DEAD box-1; DEAD box protein 1; DEAD box polypeptide 1; DEAD (Asp-Glu-Ala-Asp) box polypeptide 1; DBP-RB; DEAD (Asp-Glu-Ala-Asp) box helicase 1; DEAD-box helicase 1; anti-DDX1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-DDX1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat, Chicken, Bovine
Immunogen	Between 690 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse DDX1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-DDX1 antibody AAA210998 (lot AAA210998-3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



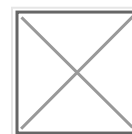
IP (Immunoprecipitation)

Detection of human DDX1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-DDX1 antibody AAA210998 (lot AAA210998-3) used for IP at 6 ug per reaction. DDX1 was also immunoprecipitated by a previous lot of this antibody (lot AAA210998-2). For blotting immunoprecipitated DDX1, AAA210998 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human DDX1 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-DDX1 (Cat. No. AAA210998 lot 3) used at a dilution of 1:200 (1ug/ml). Detection: DAB



IHC (Immunohistochemistry)

Detection of mouse DDX1 by immunohistochemistry. Sample: FFPE section of mouse renal cell carcinoma. Antibody: Affinity purified rabbit anti-DDX1 (Cat. No. AAA210998 lot 3) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-DDX1 antibody	DDX1 is a member of the DEAD box family of proteins that possesses several conserved motifs which include the highly conserved DEAD (Asp-Glu-Ala-Asp) amino acid sequence motif. The major activity of DEAD box proteins is to function as ATP-dependent RNA helicases. As helicases, DEAD proteins play an important role in all aspects of RNA metabolism and function which include pre-mRNA splicing, RNA synthesis, RNA degradation, RNA export, RNA translation, RNA secondary structure formation, ribosome biogenesis, and the assembly of RNP complexes. DDX1 has been found to associate with factors involved in 3'-end cleavage and polyadenylation of pre-mRNAs.
Product Categories/Family for anti-DDX1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	1653
UniProt Accession #	Q92499
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-immunohistochemistry-immunoprecipitation-western-blot-elisa/210998>