

Rabbit anti-Human, Mouse DDX6 Polyclonal Antibody | anti-DDX6 antibody

Rabbit anti-DDX6 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210964	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

DDX6; Polyclonal Antibody; Rabbit anti-DDX6 Antibody; Affinity Purified; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 6 (RNA helicase; 54kD); RCK; probable ATP-dependent RNA helicase DDX6; P54; ATP-dependent RNA helicase p54; HLR2; DEAD box-6; DEAD box protein 6; DEAD (Asp-Glu-Ala-Asp) box polypeptide 6; DEAD (Asp-Glu-Ala-Asp) box helicase 6; oncogene RCK; Probable ATP-dependent RNA helicase DDX6; DEAD-box helicase 6; anti-DDX6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-DDX6 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 433 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 DDX6 by western blot. Samples: Whole cell lysate (2 ug) from HEK293T, HeLa, MCF-7, Jurkat, and Hep-G2 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-DDX6 antibody AAA210964 (lot AAA210964-4) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



WB (Western Blot)

Detection of mouse DDX6 by western blot. Samples: Whole cell lysate (2 ug) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-DDX6 antibody AAA210964 (lot AAA210964-4) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human DDX6 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 2% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-DDX6 antibody AAA210964 (lot AAA210964-4) used for IP at 6 ug per reaction. DDX6 was also immunoprecipitated by a previous lot of this antibody (lot AAA210964-3) and rabbit anti-DDX6 antibody For blotting immunoprecipitated DDX6, AAA210964-4 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human DDX6 by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-DDX6 Cat. No. AAA210964 Lot 4 used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-DDX6 antibody	DDX6 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. DDX6 has been observed to positively regulate growth by modulating gene expression at the translational level.
Product Categories/Family for anti-DDX6 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	164664517
NCBI GeneID	1656
NCBI Accession #	NP_004388.2
NCBI GenBank Nucleotide #	NM_004397
UniProt Accession #	P26196; Q5D048
Molecular Weight	54,417 Da
NCBI Official Full Name	Homo sapiens DEAD (Asp-Glu-Ala-Asp) box helicase 6 (DDX6), transcript variant 1, mRNA
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box helicase 6
NCBI Official Symbol	DDX6
NCBI Official Synonym Symbols	P54; RCK; HLR2
NCBI Protein Information	probable ATP-dependent RNA helicase DDX6; ATP-dependent RNA helicase p54; DEAD (Asp-Glu-Ala-Asp) box polypeptide 6; DEAD box protein 6; DEAD box-6; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 6 (RNA helicase, 54kD); oncogene RCK
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX6
UniProt Gene Name	DDX6
UniProt Synonym Gene Names	HLR2; RCK
UniProt Entry Name	DDX6_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/ddx6-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/210964>