

Rabbit anti-Human, Mouse DHX36 Polyclonal Antibody | anti-DHX36 antibody

Rabbit anti-DHX36 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211001	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

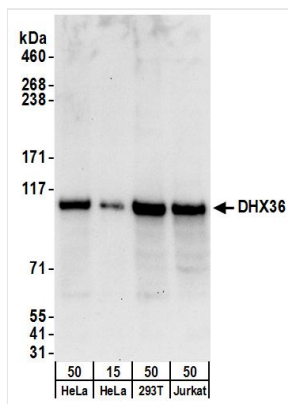
PRODUCT SYNONYMS

DHX36; Polyclonal Antibody; Rabbit anti-DHX36 Antibody; Affinity Purified; DEAH box protein 36; G4-resolvase-1; RNA helicase associated with AU-rich element protein; RNA helicase associated with AU-rich element ARE; RHAU; probable ATP-dependent RNA helicase DHX36; MLE-like protein 1; MLEL1; G4R1; DEAH-box protein 36; DEAH (Asp-Glu-Ala-His) box polypeptide 36; DEAD/H box polypeptide 36; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 36; DDX36; ATP-dependent RNA helicase DHX36; G4 resolvase-1; DEAH-box helicase 36; anti-DHX36 antibody

PRODUCT SPECIFICATIONS

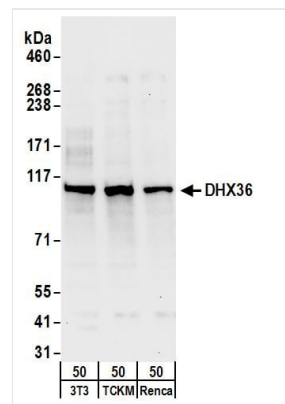
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-DHX36 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 958 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



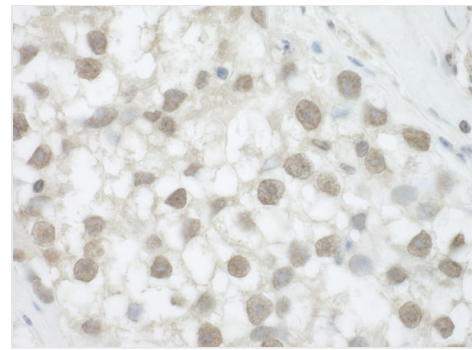
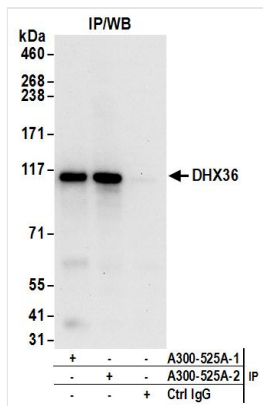
WB (Western Blot)

Detection of human DHX36 by western blot. Samples: Whole cell lysate from HeLa (15 and 50 ug), HEK293T (50ug) and Jurkat (50ug) cells. Antibodies: Affinity purified rabbit anti-DHX36 antibody AAA211001 (lot AAA211001-2) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



WB (Western Blot)

Detection of mouse DHX36 by western blot. Samples: Whole cell lysate from NIH 3T3 (50ug), TCKM (50ug) and Renca (50ug) cells. Antibodies: Affinity purified rabbit anti-DHX36 antibody AAA211001 (lot AAA211001-2) used for WB at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human DHX36 by immunohistochemistry. Sample: FFPE section of human testicular seminoma. Antibody: Affinity purified rabbit anti-DHX36 (Cat. No. AAA211001 Lot2) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

IP (Immunoprecipitation)

Detection of human DHX36 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-DHX36 antibody AAA211001 (lot AAA211001-2) used for IP at 6 ug/mg lysate. DHX36 was also immunoprecipitated by a previous lot (AAA211001-1) of this antibody. For blotting immunoprecipitated DHX36, AAA211001 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-DHX36 antibody

DHX36 is a member of the DEAH box family of proteins that possesses several conserved motifs which include the highly conserved DEAH (Asp-Glu-Ala-His) amino acid sequence motif. The major activity of DEAH box proteins is to function as ATP-dependent RNA helicases. RNA helicases 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. DHX36 expression is highest in testis and plays a role in 3'-5' degradation of AU-rich RNAs. Interestingly, DHX36 has also been observed to function as a G4-DNA resolvase. In this capacity DHX36 catalyzes the resolution of highly stable G4-DNA structures that form in guanine-rich regions of single-stranded DNA.

Product Categories/Family for anti-DHX36 antibody

[Primary Antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GeneID	170506
UniProt Accession #	Q9H2U1
UniProt Protein Name	ATP-dependent RNA helicase DHX36
UniProt Gene Name	DHX36
UniProt Synonym Gene Names	DDX36; KIAA1488; MLEL1; RHAU; G4R1
UniProt Entry Name	DHX36_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/dhx36-antibody-immunoprecipitation-western-blot-elisa/211001>