

Rabbit anti-Human, Mouse DDX46 Polyclonal Antibody | anti-DDX46 antibody

Rabbit anti-DDX46 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211297	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation

PRODUCT SYNONYMS

DDX46; Polyclonal Antibody; Rabbit anti-DDX46 Antibody; Affinity Purified; Prp5-like DEAD-box protein; PRPF5; PRP5 homolog; Prp5; probable ATP-dependent RNA helicase DDX46; DEAD box protein 46; DEAD (Asp-Glu-Ala-Asp) box polypeptide 46; RNA helicase; Probable ATP-dependent RNA helicase DDX46; DEAD-box helicase 46; anti-DDX46 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-DDX46 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Predicted Reactivity	Rat, Orangutan
Immunogen	Between 300 and 350
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human DDX46 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-DDX46 antibody AAA211297 used for IP at 3 ug/mg lysate. DDX46 was also immunoprecipitated by rabbit anti-DDX46 antibody which recognizes a downstream epitope. For blotting immunoprecipitated DDX46, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human and mouse DDX46 by immunohistochemistry. Sample: FFPE section of human breast carcinoma (left) and mouse teratoma (right). Antibody: Affinity purified rabbit anti-DDX46 (Cat. No. AAA211297) used at a dilution of 1:1,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-DDX46 antibody	DDX46 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. DDX46 is a component of the 17S U2 snRNP complex and plays an important role in pre-mRNA splicing.
Product Categories/Family for anti-DDX46 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	41327773
NCBI GeneID	9879
NCBI Accession #	NP_055644.2
NCBI GenBank Nucleotide #	NM_014829.3
UniProt Accession #	Q7L014; O94894; Q96EI0; Q9Y658
Molecular Weight	117,362 Da
NCBI Official Full Name	probable ATP-dependent RNA helicase DDX46 isoform 2
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box polypeptide 46
NCBI Official Symbol	DDX46
NCBI Official Synonym Symbols	Prp5; PRPF5
NCBI Protein Information	probable ATP-dependent RNA helicase DDX46; DEAD box protein 46; PRP5 homolog; Prp5-like DEAD-box protein
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX46
UniProt Gene Name	DDX46
UniProt Synonym Gene Names	KIAA0801
UniProt Entry Name	DDX46_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/ddx46-antibody-immunohistochemistry-immunoprecipitation-elisa/211297>