

DDX46 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55471**Specification**

DDX46 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q7L014
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	117362

DDX46 Polyclonal Antibody - Additional Information**Gene ID** 9879**Other Names**

Probable ATP-dependent RNA helicase DDX46, 3.6.4.13, DEAD box protein 46, PRP5 homolog, DDX46, KIAA0801

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

DDX46 Polyclonal Antibody - Protein Information**Name** DDX46 {ECO:0000303|PubMed:36797247, ECO:0000312|HGNC:HGNC:18681}**Function**

Component of the 17S U2 SnRNP complex of the spliceosome, a large ribonucleoprotein complex that removes introns from transcribed pre-mRNAs (PubMed:12234937, PubMed:32494006, PubMed:34822310, PubMed:36797247). The 17S U2 SnRNP complex (1) directly participates in early spliceosome assembly and (2) mediates recognition of the intron branch site during pre-mRNA splicing by promoting the selection of the pre-mRNA branch-site adenosine, the nucleophile for the first step of splicing (PubMed:32494006, PubMed:34822310). Within the 17S U2 SnRNP complex, DDX46 plays essential roles during assembly of pre-spliceosome and proofreading of the branch site (PubMed:34822310).

Cellular Location

Nucleus speckle. Nucleus, Cajal body. Note=Present in Cajal bodies (CBs) and nuclear speckles.

DDX46 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DDX46 Polyclonal Antibody - Images