

Datasheet for ABIN2780223 anti-DDX46 antibody (C-Term)



[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | DDX46 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DDX46 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | The immunogen is a synthetic peptide directed towards the C terminal region of human DDX46 |
| Sequence: | GERKIYLAIE SANELAVQKA KAEITRLIKE ELIRLQNSYQ PTNKGGRYKVL |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93% |
| Characteristics: | This is a rabbit polyclonal antibody against DDX46. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Protein A purified |

Target Details

| | |
|---------|-------|
| Target: | DDX46 |
|---------|-------|

Target Details

| | |
|-------------------|---|
| Alternative Name: | DDX46 (DDX46 Products) |
| Background: | <p>DDX46 is a member of the DEAD box protein family. DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. DDX46 is a component of the 17S U2 snRNP complex, it plays an important role in pre-mRNA splicing.</p> <p>Alias Symbols: Prp5, PRPF5</p> <p>Protein Interaction Partner: HUWE1, UBC, RPA3, RPA2, RPA1, PRPF40A, APBB1, SRPK2, LMNA, TPM2, PNLIPRP2, SMIM20, GEMIN5, SF3A3, SRSF11, CUL3, SIRT7, SF3A2, ELAVL1, SUMO2, Sf3a1, TCEA1,</p> <p>Protein Size: 1031</p> |
| Molecular Weight: | 113 kDa |
| Gene ID: | 9879 |
| NCBI Accession: | NM_014829 , NP_055644 |
| UniProt: | Q7L014 |

Application Details

| | |
|--------------------|--|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 1031 AA |
| Restrictions: | For Research Use only |

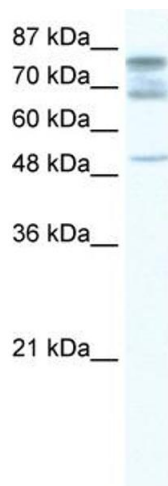
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Handling

| | |
|------------------|---|
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Images



Western Blotting

Image 1. WB Suggested Anti-DDX46 Antibody Titration: 1.25ug/ml ELISA Titer: 1:12500 Positive Control: Jurkat cell lysate DDX46 is supported by BioGPS gene expression data to be expressed in Jurkat