

## Product datasheet for **AP51217PU-N**

### DDX17 (N-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. <b>Flow Cytometry:</b> 1/10-1/50. <b>Immunohistochemistry on Paraffin Sections:</b> 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 55~85 amino acids from the N-terminal region of Human DDX17
Specificity:	This antibody recognizes Human DEAD box protein 17 (N-term).
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	DEAD-box helicase 17
Database Link:	<a href="#">Entrez Gene 10521 Human Q92841</a>



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**Background:**

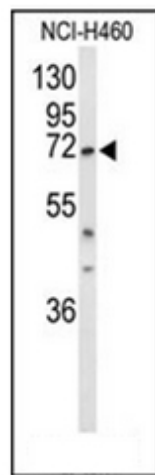
DDX17 box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This protein encodes a DEAD box protein, which is an ATPase activated by a variety of RNA species, but not by dsDNA. This protein, and that encoded by DDX5 gene, are more closely related to each other than to any other member of the DEAD box family.

**Synonyms:**

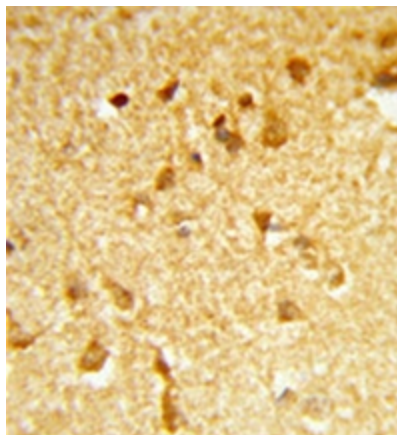
RNA-dependent helicase p72, RH70, DKFZp761H2016, DEAD box protein 17

**Note:**

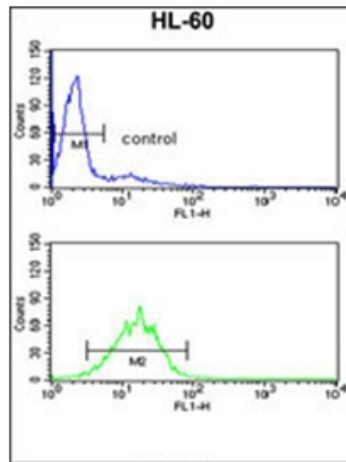
**Molecular Weight:** 72371 Da

**Product images:**

Western blot analysis of DDX17 Antibody (N-term) in NCI-H460 cell line lysates (35ug/lane). DDX17 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with DDX17 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Flow cytometry analysis of HL-60 cells using DDX17 Antibody (N-term) (bottom histogram) compared to a Negative control cell (top histogram). FITC-conjugated Goat-anti-Rabbit secondary antibodies were used for the analysis.