

Datasheet for ABIN951863
anti-DDX17 antibody (N-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	DDX17
Binding Specificity:	AA 55-85, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX17 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 55~85 amino acids from the N-terminal region of Human DDX17
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human DEAD box protein 17 (N-term).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	DDX17
Alternative Name:	DDX17 (DDX17 Products)

Target Details

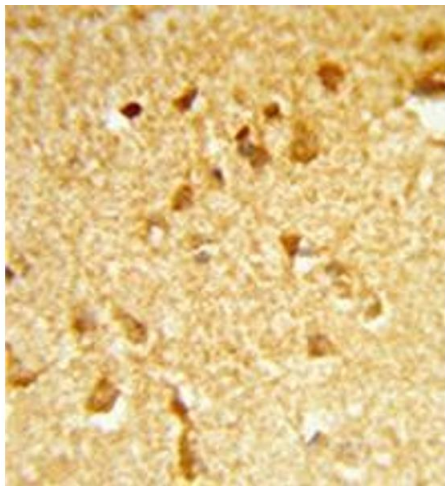
Background:	DDX17 box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome 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: DEAD (Asp-Glu-Ala-Asp) box polypeptide 17, DEAD box protein 17, DKFZp761H2016, Probable ATP-dependent RNA helicase DDX17, RH70, RNA-dependent helicase p72
Molecular Weight:	72371 Da
Gene ID:	10521
NCBI Accession:	NP_006377
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling , Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

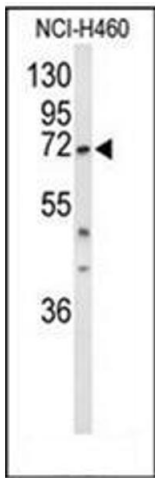
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % Sodium Azide
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 Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



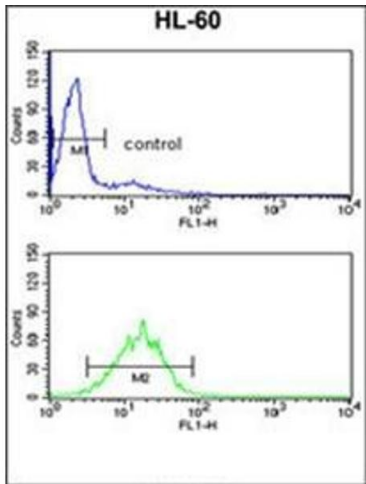
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human brain tissue reacted with DDX17 Antibody (N-term) followed which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Western Blotting

Image 2. Western blot analysis of DDX17 Antibody (N-term) in NCI-H460 cell line lysates (35ug/lane). DDX17 (arrow) was detected using the purified Pab.



Flow Cytometry

Image 3. Flow cytometry analysis of HL-60 cells using DDX17 Antibody (N-term) Cat.-No AP51217PU-N (bottom histogram) compared to a Negative control cell (top histogram). FITC-conjugated Goat-anti-Rabbit secondary antibodies were used for the analysis.