

Datasheet for ABIN951865
anti-DDX27 antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	DDX27
Binding Specificity:	AA 777-796, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX27 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 777-796 amino acids from the C-terminal region of Human DDX27
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human DEAD box protein 27 (C-term).
Purification:	Affinity chromatography on Protein A

Target Details

Target:	DDX27
Alternative Name:	DDX27 (DDX27 Products)

Target Details

Background: 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. This gene encodes a DEAD box protein, the function of which has not been determined. [provided by RefSeq].Synonyms: DEAD box protein 27, HSPC259, PP3241, Probable ATP-dependent RNA helicase DDX27, RHLP

Molecular Weight: 89835 Da

Gene ID: 55661

NCBI Accession: [NP_060365](#)

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

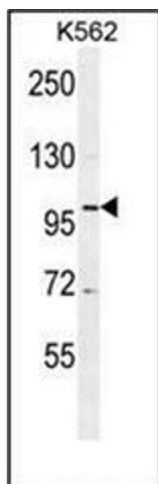
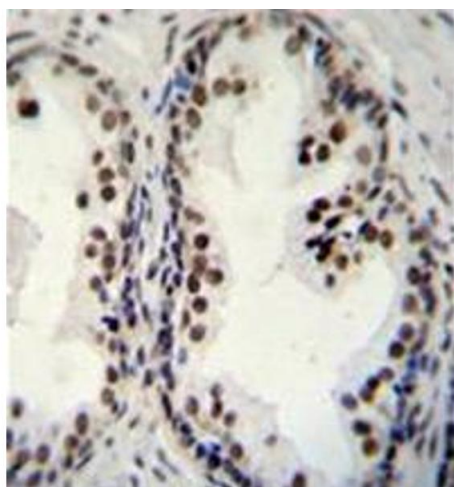
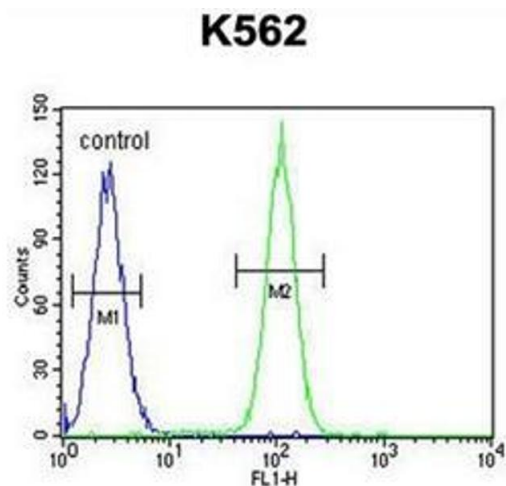
Preservative: Sodium azide

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.



Flow Cytometry

Image 1. Flow cytometric analysis of K562 cells using DDX27 Antibody (C-term) Cat.-No AP51219PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin fixed and paraffin embedded human prostate carcinoma stained with DDX27 Antibody (C-term) Cat.-No AP51219PU-N followed by peroxidase conjugation of the secondary antibody and DAB staining

Western Blotting

Image 3. Western blot analysis of DDX27 Antibody (C-term) Cat.-No AP51219PU-N in K562 cell line lysates (35ug/lane). This demonstrates the DDX27 antibody detected the DDX27 protein (arrow).