

Datasheet for ABIN655057
anti-DDX27 antibody (C-Term)



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3 Images

Overview

Quantity:	400 µL
Target:	DDX27
Binding Specificity:	AA 770-796, 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))

Product Details

Immunogen:	This DDX27 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 770-796 amino acids from the C-terminal region of human DDX27.
Clone:	RB17936
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	DDX27
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Target Details

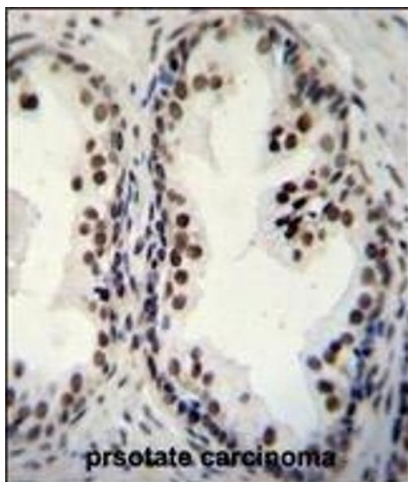
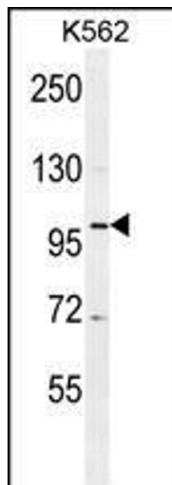
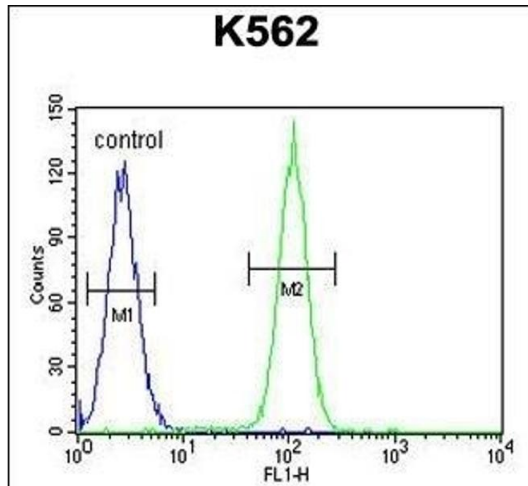
Alternative Name:	DDX27 (DDX27 Products)
Background:	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear 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].
Molecular Weight:	89835
Gene ID:	55661
NCBI Accession:	NP_060365
UniProt:	Q96GQ7

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. DDX27 Antibody (C-term) (ABIN655057 and ABIN2844686) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. DDX27 Antibody (C-term) (ABIN655057 and ABIN2844686) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the DDX27 antibody detected the DDX27 protein (arrow).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. DDX27 Antibody (C-term) (ABIN655057 and ABIN2844686) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of DDX27 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.