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## Datasheet for ABIN2775237 anti-DDX27 antibody (N-Term)

1 Image

1 Publication



### Overview

Quantity:	100 µL
Target:	DDX27
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Rabbit, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX27 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DDX27
Sequence:	DLGLIGTIGE DDEVPVEPES DSGDEEEEGP IVLGRRQKAL GKNRSADFNP
Predicted Reactivity:	Dog: 79%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against DDX27. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	DDX27

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Alternative Name:	DDX27 (DDX27 Products)

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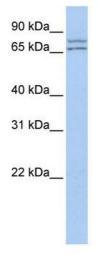
Target Details	
Background:	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, 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. DDX27 is a DEAD box protein, the function of which has not been determined. DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative
	<ul> <li>RNA helicases. They are implicated in a number of cellular processes involving alteration of</li> <li>RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and</li> <li>ribosome and spliceosome assembly. Based on their distribution patterns, some members of</li> <li>this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth</li> <li>and division. This gene encodes a DEAD box protein, the function of which has not been</li> <li>determined.</li> <li>Alias Symbols: DKFZp667N057, FLJ12917, FLJ20596, FLJ22238, HSPC259, MGC1018,</li> <li>MGC163147, PP3241, RHLP, Rrp3p, dJ686N3.1, DRS1</li> <li>Protein Interaction Partner: SUMO3, STAU1, UBC, TARBP2, EED, RNF2, HDAC11, ESR1, API5,</li> <li>SIRT7, YWHAG, PPP1R16A, LYAR, ARRB2, ARRB1,</li> <li>Protein Size: 796</li> </ul>
Molecular Weight:	90 kDa
Gene ID:	55661
NCBI Accession:	NM_017895, NP_060365
UniProt:	Q96GQ7
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 796 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 %

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## Handling

sucrose.
Sodium azide
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Avoid repeated freeze-thaw cycles.
-20 °C
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.
Majumder, Cash, Fisk: "Non-Overlapping Distributions and Functions of the VDAC Family in Ciliogenesis." in: <b>Cells</b> , Vol. 4, Issue 3, pp. 331-53, (2015) (PubMed).
Majumder, Fisk: "VDAC3 and Mps1 negatively regulate ciliogenesis." in: <b>Cell cycle (Georgetown,</b> <b>Tex.)</b> , Vol. 12, Issue 5, pp. 849-58, (2013) (PubMed).

#### Images



### Western Blotting

**Image 1.** WB Suggested Anti-DDX27 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate

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