

Datasheet for ABIN2775237
anti-DDX27 antibody (N-Term)[Go to Product page](#)

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
Alternative Name:	DDX27 (DDX27 Products)

Target Details

Background:	<p>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.</p> <p>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.</p> <p>Alias Symbols: DKFZp667N057, FLJ12917, FLJ20596, FLJ22238, HSPC259, MGC1018, MGC163147, PP3241, RHLP, Rrp3p, dJ686N3.1, DRS1</p> <p>Protein Interaction Partner: SUMO3, STAU1, UBC, TARBP2, EED, RNF2, HDAC11, ESR1, API5, SIRT7, YWHAG, PPP1R16A, LYAR, ARRB2, ARRB1,</p> <p>Protein Size: 796</p>
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Molecular Weight:	90 kDa
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Gene ID:	55661
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NCBI Accession:	NM_017895 , NP_060365
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UniProt:	Q96GQ7
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 796 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
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Handling

	sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	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.

Publications

Product cited in:	Majumder, Cash, Fisk: "Non-Overlapping Distributions and Functions of the VDAC Family in Ciliogenesis." in: Cells , Vol. 4, Issue 3, pp. 331-53, (2015) (PubMed).
	Majumder, Fisk: "VDAC3 and Mps1 negatively regulate ciliogenesis." in: Cell cycle (Georgetown, Tex.) , Vol. 12, Issue 5, pp. 849-58, (2013) (PubMed).
	Majumder, Slabodnick, Pike, Marquardt, Fisk: "VDAC3 regulates centriole assembly by targeting Mps1 to centrosomes." in: Cell cycle (Georgetown, Tex.) , Vol. 11, Issue 19, pp. 3666-78, (2012) (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