Datasheet for ABIN2775206

anti-DDX17 antibody (N-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	DDX17
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Rabbit, Cow, Horse, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX17 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 DDX17
Sequence:	PKKFGNPGER LRKKKWDLSE LPKFEKNFYV EHPEVARLTP YEVDELRRKK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 83%
Characteristics:	This is a rabbit polyclonal antibody against DDX17. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DDX17

Target Details

Alternative Name:	DDX17 (DDX17 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 splicesosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The DEAD box protein 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. 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 splicesosome 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, 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. Several alternatively spliced transcripts encoding different isoforms, some of which use non-AUG (CUG) translation initiation codon, have been described for this gene. Alias Symbols: DKFZp761H2016, P72, RH70 Protein Interaction Partner: BYSL, GRB2, RBM15, CEP250, UBC, SUMO2, SUMO3, SPRTN, STAU1, CDC37, IVNS1ABP, SUMO1, LGR4, MDM2, NEDD8, RPA3, RPA2, RPA1, WWOX, EED, rev, P3H1, LSM1, PRPSAP1, PIN1, DDX5, APBB1, PARK2, FBXO6, TARDBP, WBP11, SF1, UBD, IGSF8, ICAM1, CD81, SF3B4, WHSC1, VCAM1 Protein Size: 729
Molecular Weight:	80 kDa
Gene ID:	10521
NCBI Accession:	NM_006386, NP_006377
UniProt:	Q92841
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Regulation of Muscle Cell Differentiation

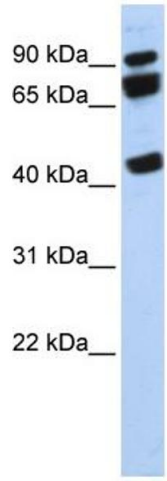
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 729 AA
Restrictions:	For Research Use only

Handling

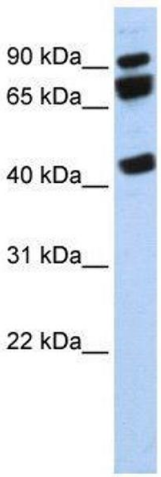
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained 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.

Images



Western Blotting

Image 1. WB Suggested Anti-DDX17 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 721_B cell lysate DDX17 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



Western Blotting

Image 2. WB Suggested Anti-DDX17

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500

Positive Control:.21_B cell lysate

DDX17 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells