

Datasheet for ABIN2780219  
**anti-DHX16 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	DHX16
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Cow, Rat, Horse, Goat, Rabbit, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHX16 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 DHX16
Sequence:	KYQLVLEEEE TIEFVRATQL QGDEEPSAPP TSTQAQQKES IQAVRRSLPV
Predicted Reactivity:	Cow: 86%, Goat: 86%, Horse: 86%, Human: 100%, Mouse: 79%, Pig: 85%, Rabbit: 77%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against DHX16. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	DHX16
Alternative Name:	DHX16 ( <a href="#">DHX16 Products</a> )

## 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. This gene encodes a DEAD box protein, which is a functional homolog of fission yeast Prp8 protein involved in cell cycle progression. This gene is mapped to the MHC region on chromosome 6p21.3, a region where many malignant, genetic and autoimmune disease genes are linked.</p> <p>Alias Symbols: DBP2, PRP8, Prp2, DDX16, PRPF2, PRO2014</p> <p>Protein Interaction Partner: NUDCD1, UBC, GPKOW, SF3B2, DHX38, DGCR14, CSNK2A1, XAB2, HELQ, PYROXD1, NAA40, LSM2, MIF4GD, GON4L, WDR44, EHD2, LSM5, LSM6, GCC2, TCEA2, MTR, GSPT1, GABPB1, APP, COIL, SNRNP27, SNRNP40, SIRT7, MEGF10, Bud13, TADA2A, SRRM2, SRRM1,</p> <p>Protein Size: 1041</p>
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Molecular Weight:	115 kDa
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Gene ID:	8449
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NCBI Accession:	<a href="#">NM_003587</a> , <a href="#">NP_003578</a>
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UniProt:	<a href="#">O60231</a>
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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: 1041 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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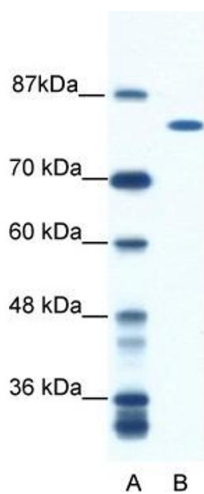
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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## Handling

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-DHX16 Antibody Titration: 0.125ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate DHX16 is supported by BioGPS gene expression data to be expressed in Jurkat