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## Datasheet for ABIN7451736 **anti-DHX16 antibody (AA 991-1041)**

### Overview

Quantity:	20 µg
Target:	DHX16
Binding Specificity:	AA 991-1041
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHX16 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

### Product Details

Purpose:	Rabbit anti-DHX16 Antibody, Affinity Purified
Immunogen:	between AA 991 and 1041
Isotype:	IgG
Predicted Reactivity:	Chimpanzee
Purification:	Affinity Purified

### Target Details

Target:	DHX16
Alternative Name:	DHX16 ( <a href="#">DHX16 Products</a> )
Background:	Background: DHX16 is a member of the DEAH-box family of proteins that possesses several

## Target Details

conserved motifs which include the highly conserved DEAH (Asp-Glu-Ala-His) amino acid sequence motif. The major activity of DEAH-box proteins is to function as ATP-dependent RNA helicases. RNA helicases play an important role in all aspects of RNA metabolism and function which include pre-mRNA splicing, RNA synthesis, RNA degradation, RNA export, RNA translation, RNA secondary structure formation, ribosome biogenesis, and the assembly of RNP complexes. DH16 was originally identified as DBP2 and discovered to be a functional homolog of the yeast RNA helicase and ATPase, Cdc28/Prp68. DHX16 appears to play a key role in nonsense-mediated mRNA decay (NMD) as well as rRNA processing.

Gene ID: 8449

NCBI Accession: [NP\\_003578](#)

UniProt: [O60231](#)

## Application Details

Application Notes: IP: 2 - 5 µg/mg lysate  
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % 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

Expiry Date: 12 months