Datasheet for ABIN7449716
anti-DHX36 antibody (C-Term)

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Overview

Quantity:	100 µg
Target:	DHX36
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHX36 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-DHX36 Antibody, Affinity Purified
Immunogen:	between AA 950 and C-term
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	DHX36
Alternative Name:	DHX36 (DHX36 Products)
Background:	Background: DHX36 is a member of the DEAH box family of proteins that possesses several conserved motifs which include the highly conserved DEAH (Asp-Glu-Ala-His) amino acid

Target Details

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. DHX36 expression is highest in testis and plays a role in 3'-5' degradation of AU-rich RNAs. Interestingly, DHX36 has also been observed to function as a G4-DNA resolvase. In this capacity DHX36 catalyzes the resolution of highly stable G4- DNA structures that form in guanine-rich regions of single-stranded DNA.

Gene ID:	170506
NCBI Accession:	NP_065916
UniProt:	Q9H2U1
Pathways:	Toll-Like Receptors Cascades

Application Details

Application Notes:	IP: 2 - 10 µg/mg lysate WB: 1:1,000 - 1:5,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 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