

## anti- DHX36 antibody

### Product Information

Catalog No.:	FNab02380
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Proposed to have a global role in regulating mRNA expression including transcriptional regulation and mRNA stability. Binds with high affinity to and resolves tetramolecular RNA and DNA quadruplex structures. Unwinds intramolecular quadruplexes derived from the ZIC1 and the MYC promoters. Binds to quadruplex structures in the promoters of YY1 and ALPL genes and regulates their expression. Binds to telomerase RNA template component(TERC) 5'-end(nucleotides 1-43) and unwinds an internal quadruplex formation in TERC 5'-end to promote P1 helix formation; the P1 helix acts as a template boundary ensuring accurate reverse transcription and is disrupted by quadruplex formation. May be involved in regulation of telomere length. Plays a role in degradation and deadenylation of mRNAs containing in their 3'-UTR the consensus ARE sequence element. May function in sex development and spermatogenesis. May play a role in ossification.

### Immunogen information

Immunogen:	DEAH(Asp-Glu-Ala-His) box polypeptide 36
Synonyms:	DDX36, KIAA1488, MLEL1, RHAU
Observed MW:	120 kDa
UniprotID :	Q9H2U1

### Wuhan Fine Biotech Co., Ltd.

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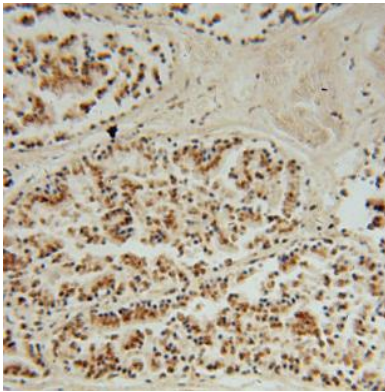
## Application

Reactivity: Human, Mouse, Rat

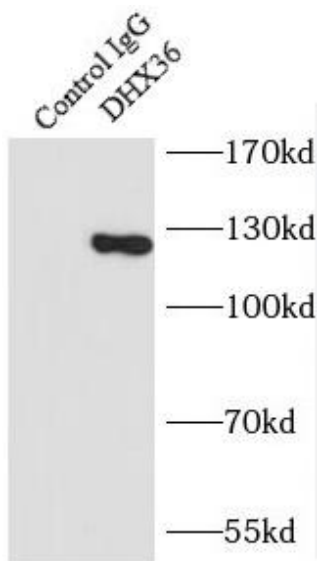
Tested Application: ELISA, WB, IHC, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human prostate using FNab02380(DHX36 antibody) at dilution of 1:50



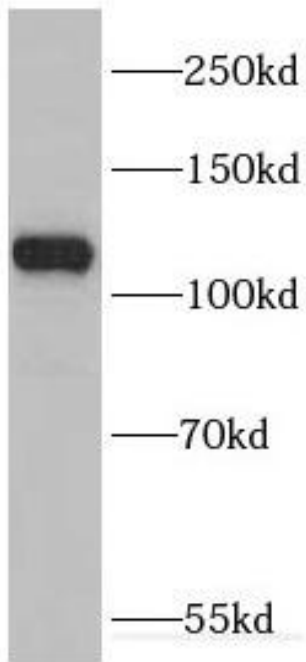
IP Result of anti-DHX36 (IP:FNab02380, 5ug; Detection:FNab02380 1:500) with PC-3 cells lysate 1880ug.

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human brain tissue were subjected to SDS PAGE followed by western blot with FNab02380(DHX36 antibody) at dilution of 1:800