

Datasheet for ABIN7155104

## anti-HNRNP/AUF1 antibody (AA 18-355)



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### 3 Images

#### Overview

Quantity:	100 µg
Target:	HNRNP/AUF1 (HNRNP)
Binding Specificity:	AA 18-355
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNRNP/AUF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

#### Product Details

Immunogen:	Recombinant Human Heterogeneous nuclear ribonucleoprotein D0 protein (18-355AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

#### Target Details

Target:	HNRNP/AUF1 (HNRNP)
Alternative Name:	HNRNP ( <a href="#">HNRNP Products</a> )
Background:	Background: Binds with high affinity to RNA molecules that contain AU-rich elements (AREs) found within the 3'-UTR of many proto-oncogenes and cytokine mRNAs. Also binds to

## Target Details

double- and single-stranded DNA sequences in a specific manner and functions as a transcription factor. Each of the RNA-binding domains specifically can bind solely to a single-stranded non-monotonous 5'-UUAG-3' sequence and also weaker to the single-stranded 5'-TTAGGG-3' telomeric DNA repeat. Binds RNA oligonucleotides with 5'-UUAGGG-3' repeats more tightly than the telomeric single-stranded DNA 5'-TTAGGG-3' repeats. Binding of RRM1 to DNA inhibits the formation of DNA quadruplex structure which may play a role in telomere elongation. May be involved in translationally coupled mRNA turnover. Implicated with other RNA-binding proteins in the cytoplasmic deadenylation/translational and decay interplay of the FOS mRNA mediated by the major coding-region determinant of instability (mCRD) domain. Aliases: ARE binding protein AUF1 type A antibody, AU-rich element RNA-binding protein 1 antibody, AUF antibody, AUF1 antibody, AUF1A antibody, Heterogeneous nuclear ribonucleoprotein D0 antibody, hnRNP D antibody, hnRNP D0 antibody, Hnrnpd antibody, hnRNPD0 antibody, HNRPD antibody, HNRPD\_HUMAN antibody, P37 antibody

UniProt: [Q14103](#)

## Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

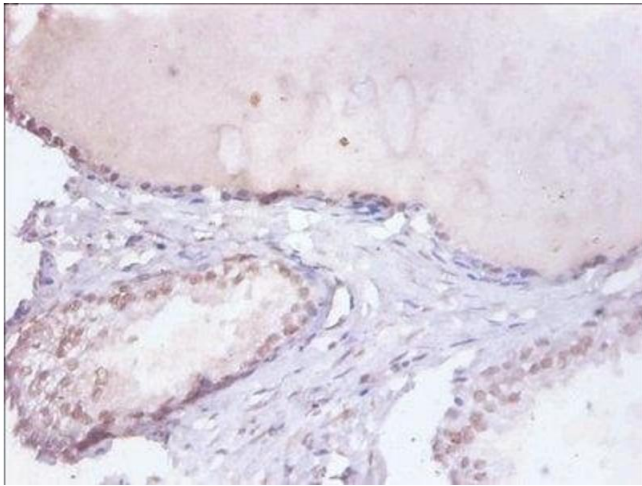
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

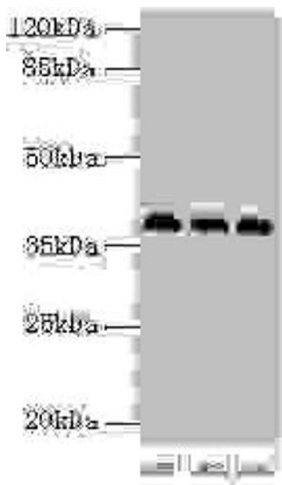
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



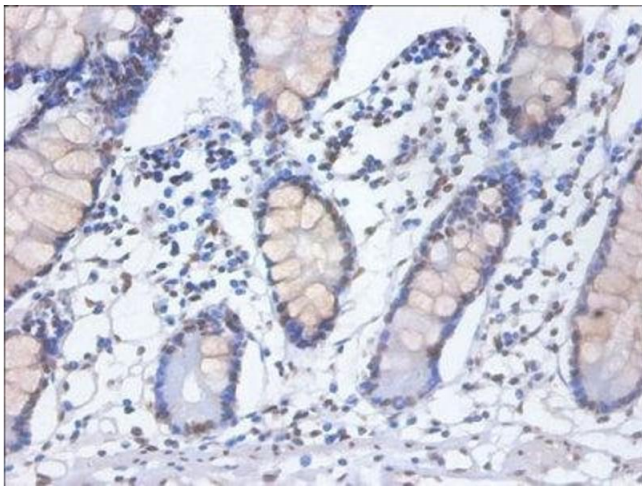
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human prostate tissue using ABIN7155104 at dilution of 1:100



### Western Blotting

**Image 2.** Western blot All lanes: HNRNPD antibody at 2  $\mu$ g/mL Lane 1: 293T whole cell lysate Lane 2: Hela whole cell lysate Lane 3: Jurkat whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 39, 37, 33, 31 kDa Observed band size: 39 kDa



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7155104 at dilution of 1:100