

# hnRNP U Rabbit pAb

Catalog No.: A3917 **4 Publications**

## Basic Information

### Observed MW

120kDa

### Calculated MW

91kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IF/ICC, IP

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a member of a family of proteins that bind nucleic acids and function in the formation of ribonucleoprotein complexes in the nucleus with heterogeneous nuclear RNA (hnRNA). The encoded protein has affinity for both RNA and DNA, and binds scaffold-attached region (SAR) DNA. Mutations in this gene have been associated with epileptic encephalopathy, early infantile, 54. A pseudogene of this gene has been identified on chromosome 14.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IHC-P</b>	1:50 - 1:200
<b>IF/ICC</b>	1:50 - 1:200
<b>IP</b>	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

## Immunogen Information

### Gene ID

3192

### Swiss Prot

Q00839

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 608-825 of human hnRNP U (NP\_114032.2).

### Synonyms

SAFA; DEE54; HNRPU; SAF-A; U21.1; pp120; EIEE54; GRIP120; hnRNP U; HNRNPU-AS1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

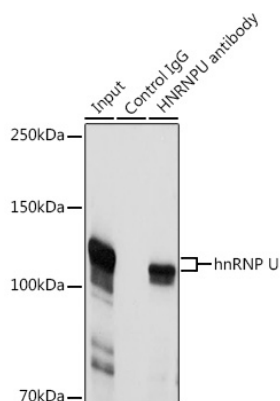
Affinity purification

### Storage

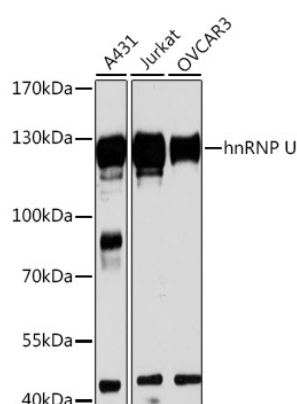
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

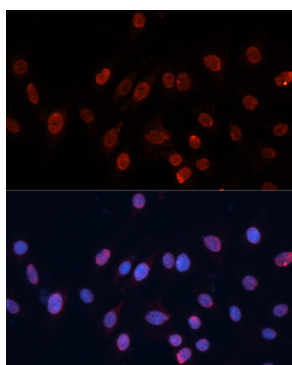
## Validation Data



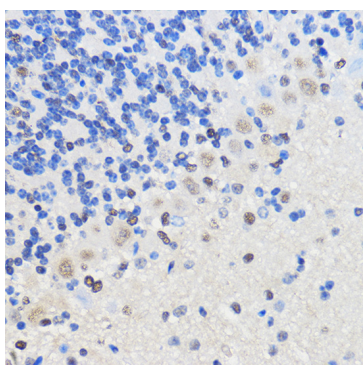
Immunoprecipitation analysis of 300 µg extracts of Jurkat cells using 3 µg hnRNP U antibody (A3917). Western blot was performed from the immunoprecipitate using hnRNP U antibody (A3917) at a dilution of 1:1000.



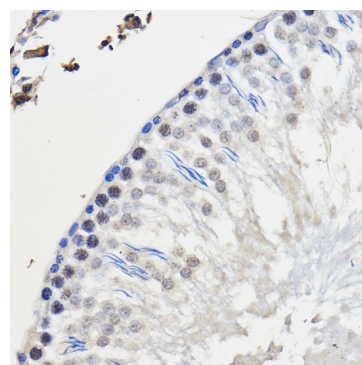
Western blot analysis of various lysates using hnRNP U Rabbit pAb (A3917) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunofluorescence analysis of C6 cells using hnRNP U Rabbit pAb (A3917) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



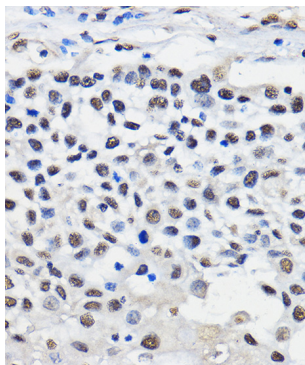
Immunohistochemistry analysis of paraffin-embedded Mouse brain using hnRNP U Rabbit pAb (A3917) at dilution of 1:50 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Rat testis using hnRNP U Rabbit pAb (A3917) at dilution of 1:50 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

## Validation Data

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Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using hnRNP U Rabbit pAb (A3917) at dilution of 1:50 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.