

**bs-9092R****[ Primary Antibody ]****hnRNP U Rabbit pAb****Bioss**  
**ANTIBODIES**

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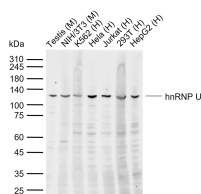
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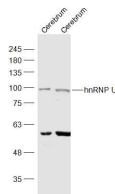
400-901-9800

**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 3192**SWISS:** Q00839**Target:** hnRNP U**Immunogen:** KLH conjugated synthetic peptide derived from human hnRNP U: 2-100/825.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

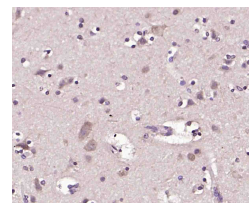
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Heterogeneous nuclear ribonucleoproteins (hnRNPs) are thought to be involved in pre-mRNA processing. However, its role in the regulation of gene expression is as yet poorly understood. Proteins of the heterogeneous nuclear ribonucleoproteins (hnRNP) family form a structurally diverse group of RNA binding proteins implicated in various functions. Recently, hnRNP proteins have been shown to hinder communication between factors bound to different splice sites. Conversely, several reports have described a positive role for some hnRNP proteins in pre-mRNA splicing. hnRNP-U, also termed scaffold attachment factor A (SAF-A), binds to pre-mRNA and nuclear matrix/scaffold attachment region DNA elements.**Applications:** **WB** (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:50-200)**ICC/IF** (1:50)**Reactivity:** Human, Mouse  
(predicted: Rat, Pig, Cow)**Predicted  
MW.:** 90 kDa**Subcellular  
Location:** Cytoplasm ,Nucleus**VALIDATION IMAGES**

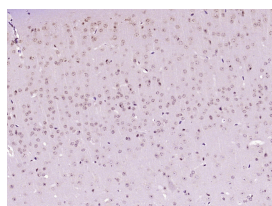
Sample: Lane 1: Mouse Testis tissue lysates Lane 2: Mouse NIH/3T3 cell lysates Lane 3: Human K562 cell lysates Lane 4: Human HeLa cell lysates Lane 5: Human Jurkat cell lysates Lane 6: Human 293T cell lysates Lane 7: Human HepG2 cell lysates Primary: Anti-hnRNP U (bs-9092R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 90 kDa Observed band size: 120 kDa



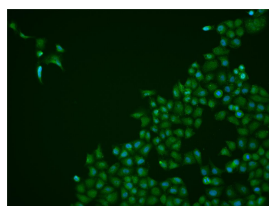
Sample: Cerebrium (Mouse) Lysate at 40 ug Cerebrium(Rat) Lysate at 40 ug Primary: Anti-hnRNP U (bs-9092R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 90 kD Observed band size: 90 kD



Paraformaldehyde-fixed, paraffin embedded (human brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (hnRNP U) Polyclonal Antibody, Unconjugated (bs-9092R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block



HeLa cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20

**Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (hnRNP U) Polyclonal Antibody, Unconjugated (bs-9092R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

min; Antibody incubation with (hnRNP U) polyclonal Antibody, Unconjugated (bs-9092R) 1:50, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.