

## hnRNP M polyclonal antibody

Catalog: BS8596

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Proteins that directly bind to nascent RNA polymerase II transcripts, the heterogenous nuclear ribonucleoproteins (hnRNPs), play an important role in both transcript-specific packaging and alternative splicing of pre-mRNAs. A group of abundant hnRNPs, the M1-M4 proteins, appear as a cluster of four proteins. The M proteins are pre-mRNA binding proteins in vivo, and they bind avidly to poly (G) and poly (U) RNA homopolymers in vitro. M proteins are members of the ribonucleoprotein consensus sequence family of RNA-binding proteins with greatest similarity to a hypothetical RNA-binding protein from *Saccharomyces cerevisiae*. The M proteins also possess an unusual hexapeptide-repeat region rich in methionine and arginine residues (MR repeat motif) that resembles a repeat in the 64 kDa subunit of cleavage stimulation factor, which is involved in 3'-end maturation of pre-mRNAs. Proteins immunologically related to M exist in divergent eukaryotes ranging from human to yeast.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 78kDa

### Swiss-Prot:

P52272

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:200

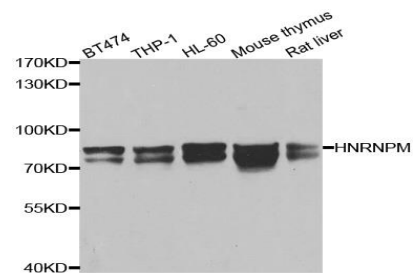
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

hnRNP M polyclonal antibody detects endogenous levels of hnRNP M protein.

### DATA:



Western blot analysis of extracts of various cell lines, using HNRNPM antibody.

### Note:

For research use only, not for use in diagnostic procedure.

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