hnRNP M (P43) polyclonal antibody

Catalog: BS2748 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:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 85 kDa

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: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

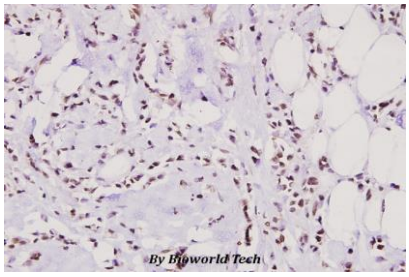
Storage&Stability:

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

Specificity:

hnRNP M (P43) polyclonal antibody detects endogenous levels of hnRNP M (P43) protein.

DATA:



Immunohistochemistry (IHC) analyzes of hnRNP M (P43) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

Bioworld Technology, Inc.
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

Bioworld technology, co. Ltd.
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151