
Product Name: hnRNP M Rabbit Monoclonal Antibody**Catalog #: AMRe02108**

For research use only.

Summary

| | |
|----------------------|--|
| Description | Recombinant rabbit monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC,ICC/IF |
| Reactivity | Human,Mouse,Rat |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | 0.53mg/ml. The concentration of this product may be batch-dependent. |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|--|
| Dilution Ratio | WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200 |
| Molecular Weight | Calculated MW: 78 kDa; Observed MW: 78 kDa |

Antigen Information

| | |
|--------------------------|---|
| Gene Name | HNRNPM |
| Alternative Names | CEAR; HNRPM; HTGR1; NAGR1; HNRPM4; HNRNPM4; hnRNP M |
| Gene ID | 4670 |
| SwissProt ID | P52272 |
| Immunogen | A synthetic peptide of human hnRNP M1-M4 |

Background

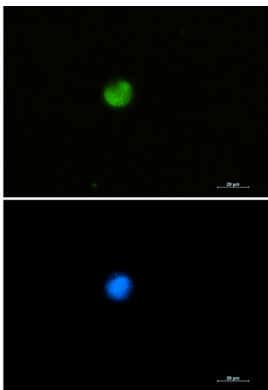
This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated

with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has three repeats of quasi-RRM domains that bind to RNAs. This protein also constitutes a monomer of the N-acetylglucosamine-specific receptor which is postulated to trigger selective recycling of immature GlcNAc-bearing thyroglobulin molecules. Alternative splicing results in multiple transcript variants.

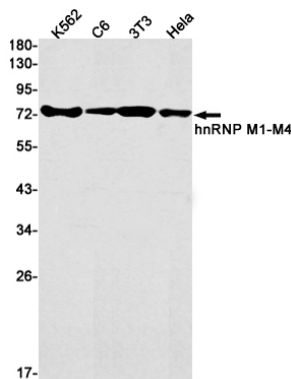
Research Area

Tags & Cell Markers

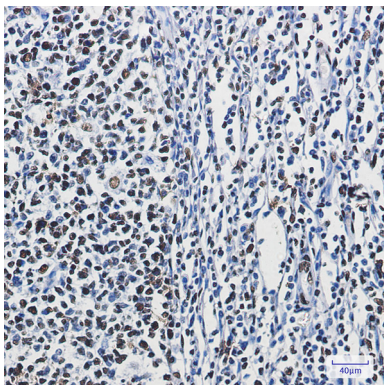
Image Data



Immunocytochemistry analysis of hnRNP M (green) in 293 using hnRNP M antibody, and DAPI (blue).



Western blot analysis of hnRNP M1M4 in K562, C6, 3T3, HeLa lysates using hnRNP M1M4 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using hnRNP M1M4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

