

Product Name: hnRNP M Rabbit Monoclonal Antibody**Catalog #: AMRe85667**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

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

Antigen Information

Gene Name	hnRNP M
Alternative Names	CEAR; HNRPM; HTGR1; NAGR1; HNRPM4; HNRNPM4; hnRNP M
Gene ID	4670.0
SwissProt ID	P52272
Immunogen	A synthetic peptide of human hnRNP M1-M4

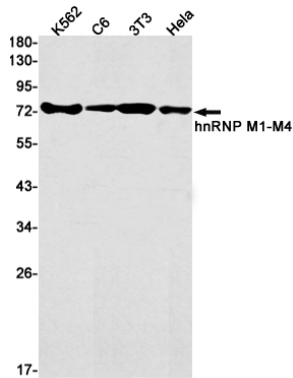
Background

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

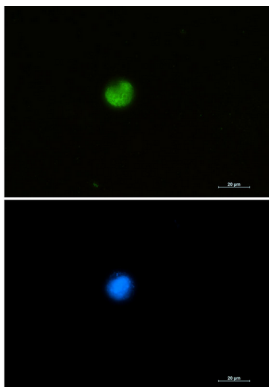
transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has three repeats of quasi-RRM domains that bind to RNAs. This protein also constitutes 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

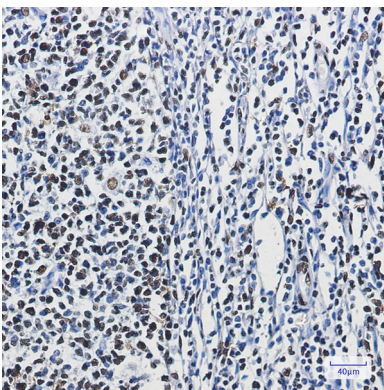
Image Data



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



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



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.