

hnRNP M rabbit pAb

Cat No.:ES6330

For research use only

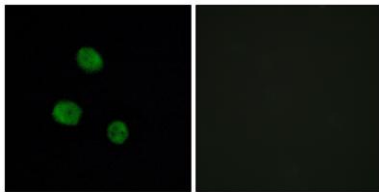
Overview

Product Name	hnRNP M rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human hnRNP M. AA range:11-60
Specificity	hnRNP M Polyclonal Antibody detects endogenous levels of hnRNP M protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Heterogeneous nuclear ribonucleoprotein M
Gene Name	HNRNPM
Cellular localization	Nucleus, nucleolus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	78kD
Human Gene ID	4670
Human Swiss-Prot Number	P52272
Alternative Names	HNRNPM; HNRPM; NAGR1; Heterogeneous nuclear ribonucleoprotein M; hnRNP M
Background	This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with

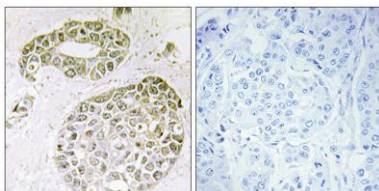


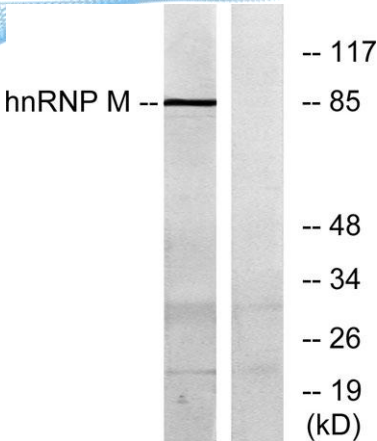
heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. 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.
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Immunofluorescence analysis of MCF7 cells, using hnRNP M Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using hnRNP M Antibody. The picture on the right is blocked with the synthesized peptide.





Western blot analysis of lysates from HT-29 cells, using hnRNP M Antibody. The lane on the right is blocked with the synthesized peptide.

