HNRNPM monoclonal antibody, clone 2A6

Catalog # MAB2339 Size 100 uL

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant HNRNPM.
Immunogen	Recombinant protein corresponding to full length human HNRNPM.
Host	Mouse
Reactivity	Bovine, Human, Mouse, Pig, Rabbit, Rat
Specificity	This antibody is specific to human RNP M3-M4.
Form	Liquid
Isotype	IgG2b, kappa
Recommend Usage	Immunocytochemistry (1:1000) Immunofluorescence (1:1000) Immunohistochemistry (Frozen sections) (1:1000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:1000) Immunoprecipitation (1:1000) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.09% sodium azide
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot
- Immunofluorescence

- Immunoprecipitation

Gene Info — HNRNPM

Entrez GeneID	4670
Protein Accession#	P52272
Gene Name	HNRNPM
Gene Alias	DKFZp547H118, HNRNPM4, HNRPM, HNRPM4, HTGR1, NAGR1
Gene Description	heterogeneous nuclear ribonucleoprotein M
Omim ID	160994
Gene Ontology	Hyperlink
Gene Summary	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. Multiple alternatively spliced transcript variants are known for this gene but only two transcripts has been isolated. [provided by RefSeq
Other Designations	M4 protein|N-acetylglucosamine receptor 1|heterogenous nuclear ribonucleoprotein M|heterogenous nuclear ribonucleoprotein M4|hnRNA-binding protein M4

Publication Reference

- The human hnRNP M proteins: identification of a methionine/arginine-rich repeat motif in ribonucleoproteins.

  Datar KV, Dreyfuss G, Swanson MS.

  Nucleic Acids Research 1993 Feb; 21(3):439.

  Application: WB-Ce, Human, HeLa cells