

Datasheet

HNRPM polyclonal antibody (A01)

Catalog Number: H00004670-A01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a partial recombinant HNRPM.

Immunogen: HNRPM (NP_005959, 17 a.a. ~ 112 a.a) partial recombinant protein with GST tag.

Sequence:

KMEESGAPGVPSGNGAPGPKGEGERPAQNEKRKE
KNIKRGGNRFEPYANPTKRYRAFITNIPFDVKWQSLKD
LVKEKVGEVTVVELLMDAEGKSR

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4670

Gene Symbol: HNRNPM

Gene Alias: DKFZp547H118, HNRNPM4, HNRPM, HNRPM4, HTGR1, NAGR1

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]

References:

1. Multiple and Specific mRNA Processing Targets for the Major Human hnRNP Proteins. Venables JP, Koh CS, Froehlich U, Lapointe E, Couture S, Inkel L, Bramard A, Paquet ER, Watier V, Durand M, Lucier JF, Gervais-Bird J, Tremblay K, Prinos P, Klinck R, Elela SA, Chabot B. Mol Cell Biol. 2008 Oct;28(19):6033-43. Epub 2008 Jul 21.