

Product datasheet for **TA351937**

HNRPM (HNRNPM) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: 293T, hela and A172 cell IHC: 25-100 Positive control: Human ovarian cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human HNRNPM
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	78 kDa
Gene Name:	heterogeneous nuclear ribonucleoprotein M
Database Link:	NP_112480 Entrez Gene 76936 Mouse Entrez Gene 116655 Rat Entrez Gene 4670 Human P52272



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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.

Synonyms:

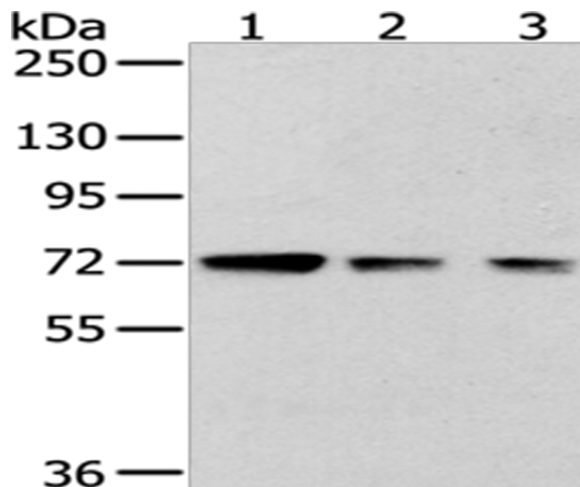
CEAR; hnRNP M; HNRNPM4; HNRPM; HNRPM4; HTGR1; NAGR1

Protein Families:

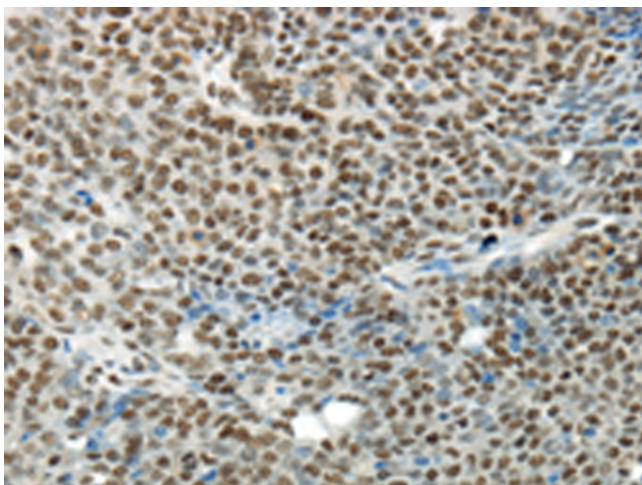
Druggable Genome

Protein Pathways:

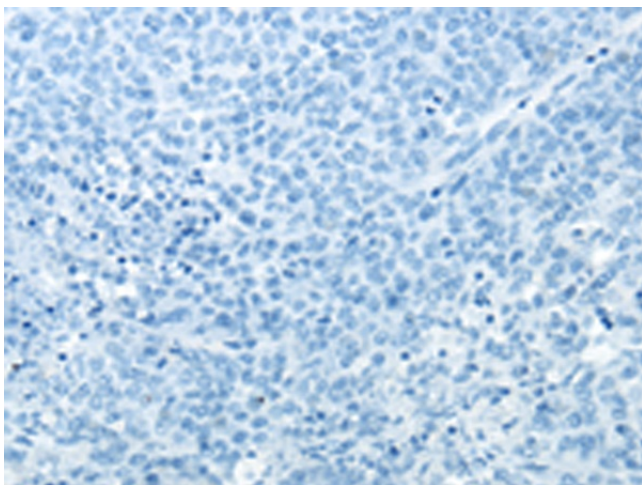
Spliceosome

Product images:

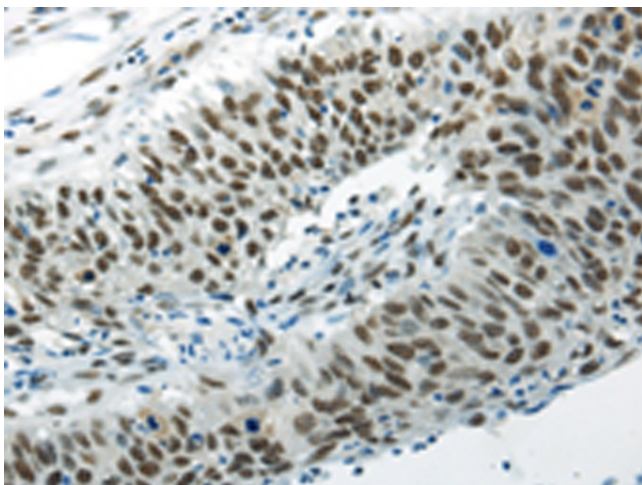
Gel: 6%SDS-PAGE
Lysate: 40 µg
Lane 1-3: 293T
hela and A172 cell
Primary antibody: TA351937 (HNRNPM Antibody)
at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 1 minute



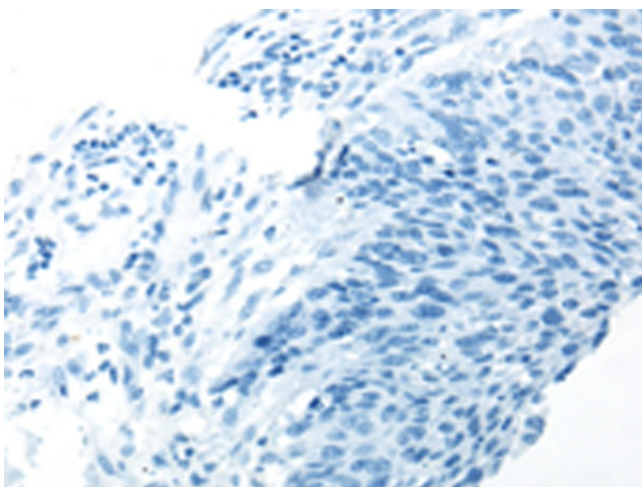
Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA351937 (HNRNPM Antibody) at dilution 1/35 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA351937 (HNRNPM Antibody) at dilution 1/35, treated with synthetic peptide. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA351937 (HNRNPM Antibody) at dilution 1/35 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA351937 (HNRNPM Antibody) at dilution 1/35, treated with synthetic peptide. (Original magnification: $\times 200$)