HNRNPM Antibody

Catalog No: #43188

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

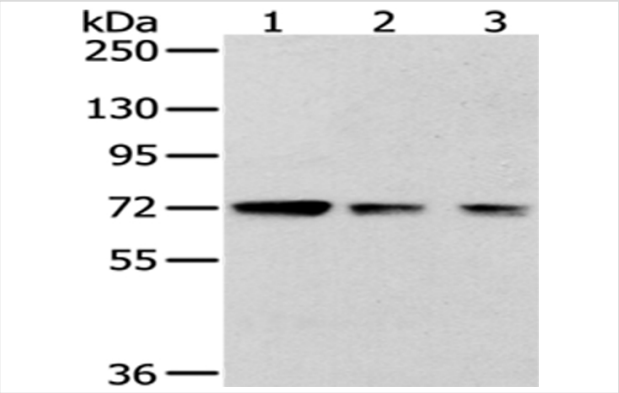
Product Name	HNRNPM Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total HNRNPM protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human HNRNPM
Target Name	HNRNPM
Other Names	CEAR; HNRPM; HTGR1; NAGR1; HNRPM4; HNRNPM4; hnRNP M
Accession No.	Swiss-Prot#: P52272Gene ID: 4670
Uniprot	P52272
GeneID	4670;
Calculated MW	78kd
Concentration	2.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

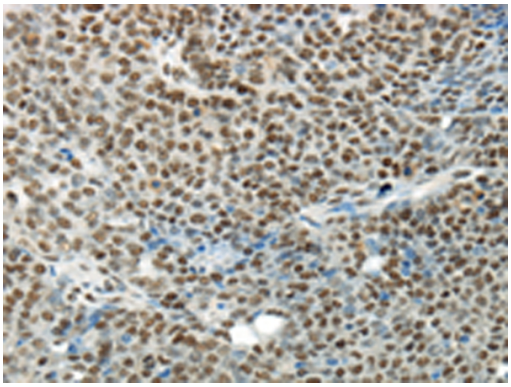
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

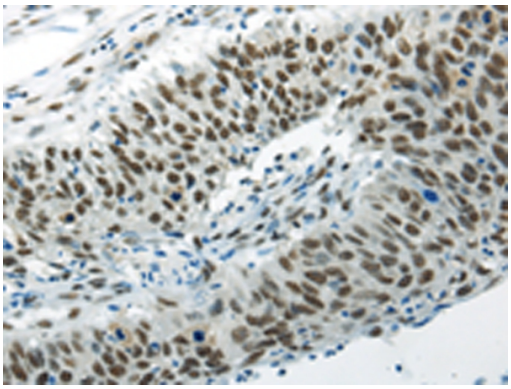
Images



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



Immunohistochemical analysis of paraffin-embedded Human ovarian cancer tissue using #43188 at dilution 1/35.



Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using #43188 at dilution 1/35.

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.

Note: This product is for in vitro research use only