

For Research Use Only

HNRNPM Polyclonal antibody

Catalog Number: 26897-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number:

26897-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25474

GenBank Accession Number:

BC000138

GeneID (NCBI):

4670

UNIPROT ID:

P52272

Full Name:

heterogeneous nuclear ribonucleoprotein M

Calculated MW:

78 kDa

Observed MW:

73-77 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:1000-1:4000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC: 1:200-1:800

IF/ICC: 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IF, IP

Species Specificity:

human

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: COLO 320 cells, MCF-7 cells, HeLa cells, NIH/3T3 cells, Neuro-2a cells

IP: HEK-293T cells,

IHC: human tonsillitis tissue, human colon

IF/ICC: HepG2 cells,

Background Information

HNRNPM, also named as NAGR1, is a 730 amino acid protein, which localizes in nucleus. HNRNPM as a pre-mRNA binding protein in vivo, binds avidly to poly(G) and poly(U) RNA homopolymers in vitro. HNRNPM is involved in splicing. HNRNPM acts as a receptor for carcinoembryonic antigen in Kupffer cells, may initiate a series of signaling events leading to tyrosine phosphorylation of proteins and induction of IL-1 alpha, IL-6, IL-10 and tumor necrosis factor alpha cytokines. HNRNPM exists two isoforms with MV 77 kDa and 73 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Tao Wang	36151083	Nat Commun	IF
Wen-Juan Li	33782401	Nat Commun	WB
Pingfu Hou	31291975	J Exp Clin Cancer Res	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

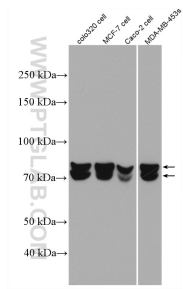
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

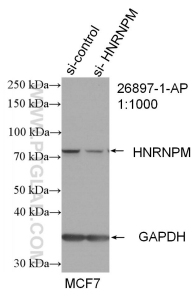
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

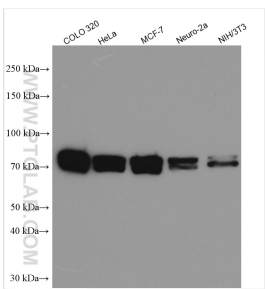
Selected Validation Data



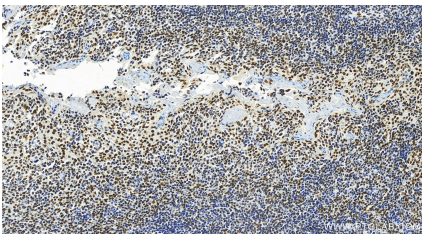
COLO 320 cells were subjected to SDS PAGE followed by western blot with 26897-1-AP (HNRNPM antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



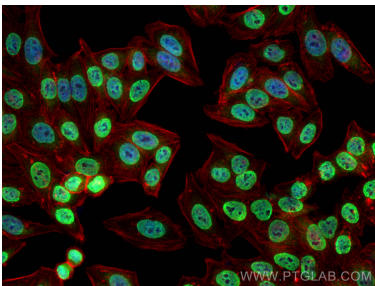
WB result of HNRNPM antibody (26897-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HNRNPM transfected MCF-7 cells.



COLO 320 cells were subjected to SDS PAGE followed by western blot with 26897-1-AP (HNRNPM antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



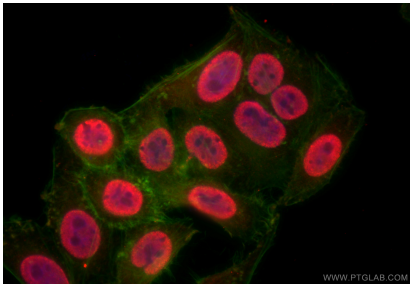
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 26897-1-AP (HNRNPM antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using HNRNPM antibody (26897-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



IP and Co-IP result of anti-HNRNPM (IP:26897-1-AP, 4ug); Detection antibodies: HNRNPM 26897-1-AP 1:3000 and HNRNPC 11760-1-AP 1:3000) with HEK-293T cells lysate 1840 ug.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using HNRNPM antibody (26897-1-AP) at dilution of 1:400 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4), CL488-Phalloidin (green).