For Research Use Only

RBM39 Polyclonal antibody

Catalog Number:21339-1-AP Featured Product 20 Publications

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Basic Information

Catalog Number:
21339-1-AP

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG15584

GenBank Accession Number:
BC141835

GeneID (NCBI):
9584

UNIPROT ID:
Q14498

Full Name:
RNA binding motif protein 39

Calculated MW:
530 aa, 59 kDa

Observed MW:
60-70 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:500-1:2000
IHC: 1:20-1:200
IF/ICC: 1:50-1:500

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Cited Applications:
WB, IHC, IF, CoIP, RIP

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 : HEK-293T cells, human skeletal muscle tissue

IHC : human pancreas tissue,

IF/ICC : HEK-293 cells,

Background Information

RBM39, also named as HCC1 or RNPC2, is a 530 amino acid protein, which contains three RRM (RNA recognition motif) domains and belongs to the splicing factor SR family. RBM39 is widely expressed in various tissues and with highly expression in pancreas, skeletal muscle, lung and brain. RBM39 is a transcriptional coactivator for steroid nuclear receptors ESR1/ER-alpha and ESR2/ER-beta, and JUN/AP-1. RBM39 may be involved in pre-mRNA splicing process.

Notable Publications

Author	Pubmed ID	Journal	Application
Jia Tong	31289203	Haematologica	WB
Jiaqi Lu	34420308	J Proteome Res	WB
David Raleigh	42282014	Res Sq	

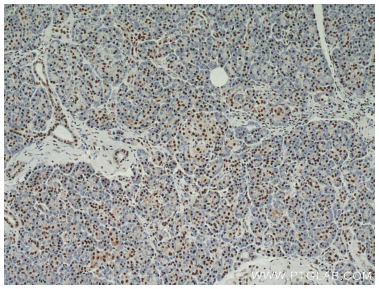
Storage

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

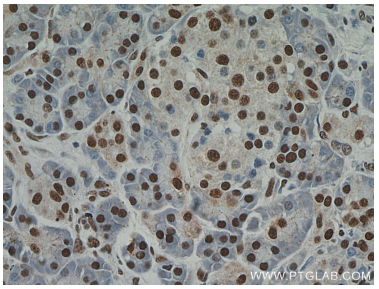
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

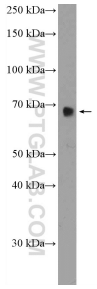
Selected Validation Data



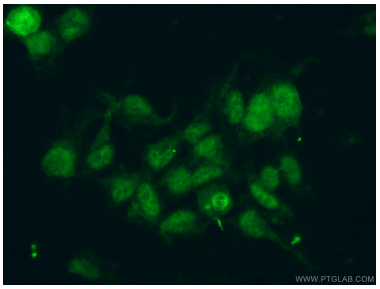
Immunohistochemical analysis of paraffin-embedded human pancreas using 21339-1-AP (RBM39 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas using 21339-1-AP (RBM39 antibody) at dilution of 1:50 (under 40x lens).



HEK-293T cells were subjected to SDS PAGE followed by western blot with 21339-1-AP (RBM39 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using 21339-1-AP (RBM39 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).