

RBM4 Polyclonal Antibody

Catalog number: 11614-1-AP

Size: 95 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

RBM4; DKFZp547K0918, hLark,

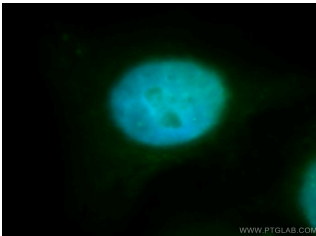
LARK, Lark homolog, RBM4,

RBM4A, RNA binding motif

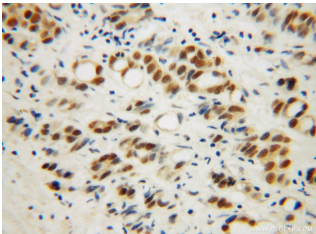
protein 4, RNA binding motif

protein 4a, RNA binding

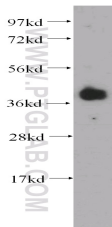
protein 4, ZCCHC21, ZCRB3A



Immunofluorescent analysis of HepG2 cells, using RBM4 antibody 11614-1-AP at 1:100 dilution and FITC-labeled donkey anti-rabbit IgG (green). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical of paraffin-embedded human gliomas using 11614-1-AP (RBM4 antibody) at dilution of 1:50 (under 40x lens)



mouse brain tissue were subjected to SDS PAGE followed by western blot with 11614-1-AP (RBM4 antibody) at dilution of 1:500

Background

RBM4, RNA-binding motif protein4, contains 2 RRM-type RNA-binding motif and a retroviral-type (RT) zinc finger. RNA-binding factor participates in number of aspects of cellular processes such as alternative splicing of pre-mRNA and translation regulation. RBM4 recruits eIF4A1 to stimulate IRES-dependent translation in response to cellular stress. Once assembled at the rHRE, the HIF2A-RBM4-eIF4E2 complex captures the 5-prime cap and targets mRNAs to polysomes for active translation, thereby evading hypoxia-induced repression of protein synthesis. This is a rabbit polyclonal antibody raised against the full-length of human RBM4

Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Cited applications:	IF, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated RBM4 MW:	177aa, 20 kDa, 40 kDa
Observed RBM4 MW:	37-40 kDa
Positive WB detected in	Mouse brain tissue, human brain tissue, human heart tissue, human kidney tissue
Positive IP detected in	Mouse heart tissue
Positive IHC detected in	Human gliomas tissue, human lung cancer tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:20-1:200

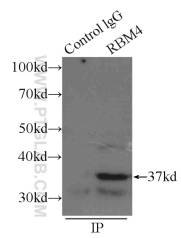
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2190
GenBank accession number:	BC021120
Gene ID (NCBI):	5936
Full name:	RNA binding motif protein 4

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



IP Result of anti-RBM4
(IP:11614-1-AP, 3ug;
Detection:11614-1-AP 1:1000)
with mouse heart tissue lysate
4000ug.