

RBM42 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP12424b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9BTD8
Other Accession	Q6AXT7 , Q91V81 , Q0P5L0 , NP_077297.2
Reactivity	Human
Predicted	Bovine, Mouse, Rat, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB27187
Calculated MW	50414
Antigen Region	394-422

Additional Information

Gene ID	79171
Other Names	RNA-binding protein 42, RNA-binding motif protein 42, RBM42
Target/Specificity	This RBM42 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 394-422 amino acids from the C-terminal region of human RBM42.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	RBM42 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RBM42
Function	Binds (via the RRM domain) to the 3'-untranslated region (UTR) of CDKN1A mRNA.

Cellular Location

Nucleus. Cytoplasm. Note=Upon stress response, localizes with HNRNPK in cytoplasmic aggregates of stalled translational preinitiation complexes called stress granules.

Background

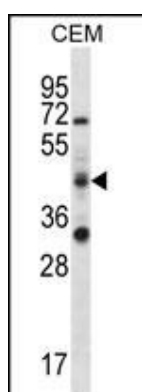
RBM42 binds (via the RRM domain) to the 3'-untranslated region (UTR) of CDKN1A mRNA (By similarity).

References

Fukuda, T., et al. Genes Cells 14(2):113-128(2009)

Lim, J., et al. Cell 125(4):801-814(2006)

Images



RBM42 Antibody (C-term) (Cat. #AP12424b) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the RBM42 antibody detected the RBM42 protein (arrow).



RBM42 Antibody (C-term) (Cat. #AP12424b) immunohistochemistry analysis in formalin fixed and paraffin embedded human skin tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of RBM42 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.