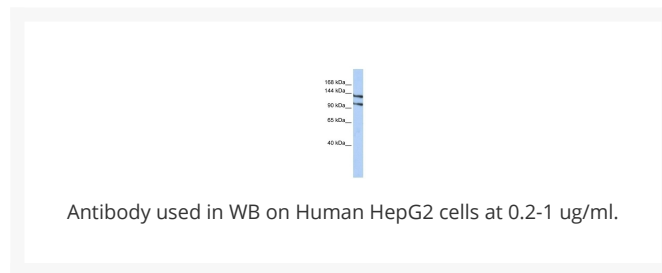
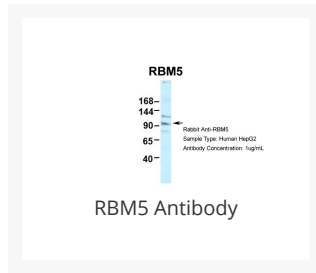




RBM5 Antibody

Cat. No.: 25-444



Ψ Specifications

HOST SPECIES:	Rabbit
SPECIES REACTIVITY:	Human, Mouse, Rat
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human RBM5.
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	RBM5 antibody can be used for detection of RBM5 by ELISA at 1:312500. RBM5 antibody can be used for detection of RBM5 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
POSITIVE CONTROL:	1) Cat. No. 1211 - HepG2 Cell Lysate
PREDICTED MOLECULAR WEIGHT:	92 kDa

PURIFICATION:	Antibody is purified by peptide affinity chromatography method.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated
PHYSICAL STATE:	Liquid
BUFFER:	Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
CONCENTRATION:	batch dependent
STORAGE CONDITIONS:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store RBM5 antibody at -20 °C. As with any antibody avoid repeat freeze-thaw cycles.

Ψ Additional Info

OFFICIAL SYMBOL:	RBM5
ALTERNATE NAMES:	RBM5, FLJ39876, G15, H37, LUCA15, RMB5
ACCESSION NO.:	NP_005769
PROTEIN GI NO.:	5032031
GENE ID:	10181
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.

Ψ Background and References

BACKGROUND:	RBM5 is a component of the spliceosome A complex. It regulates alternative splicing of a number of mRNAs. RBM5 may modulate splice site pairing after recruitment of the U1 and U2 snRNPs to the 5' and 3' splice sites of the intron. RBM5 may both positively and negatively regulate apoptosis by regulating the alternative splicing of several genes involved in this process, including FAS and CASP2/caspase-2. In the case of FAS, promotes exclusion of exon 6 thereby producing a soluble form of FAS that inhibits apoptosis. In the case of CASP2/caspase-2, RBM5 promotes exclusion of exon 9 thereby producing a catalytically active form of CASP2/Caspase-2 that induces apoptosis.
REFERENCES:	1) Oh, J.J., (2008) Hum. Genet. 123 (1), 55-64.

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