

Datasheet for ABIN954485
anti-RBM5 antibody (N-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	RBM5
Binding Specificity:	AA 17-46, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RBM5 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 17-46 amino acids from the N-terminal region of Human RBM5. Genename: RBM5
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human RBM5 (N-term).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	RBM5
Alternative Name:	RBM5 / LUCA15 (RBM5 Products)
Background:	Component of the spliceosome A complex. Regulates alternative splicing of a number of

Target Details

mRNAs. May modulate splice site pairing after recruitment of the U1 and U2 snRNPs to the 5' and 3' splice sites of the intron. 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, promotes exclusion of exon 9 thereby producing a catalytically active form of CASP2/Caspase-2 that induces apoptosis. Synonyms: NY-REN-9, Putative tumor suppressor LUCA15, RNA-binding motif protein 5, RNA-binding protein 5, Renal carcinoma antigen NY-REN-9

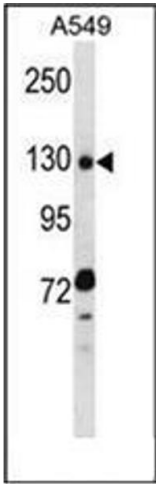
Molecular Weight:	92154 Da
Gene ID:	10181
NCBI Accession:	NP_005769
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of RBM5 / LUCA15 Antibody (N-term) in A549 cell line lysates (35ug/lane). This demonstrates the RBM5 antibody detected the RBM5 protein (arrow).