


Anti-RBM5 antibody ab69770

[1 References](#) [2 Images](#)

Overview

Product name	Anti-RBM5 antibody
Description	Rabbit polyclonal to RBM5
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	Synthetic peptide derived from an internal region of Human RBM5
Positive control	Brain tissue; extracts from HUVEC cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS</p>
Purity	Without Mg ²⁺ and Ca ²⁺
Clonality	Immunogen affinity purified
Isotype	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab69770 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 92 kDa (predicted molecular weight: 92 kDa).
IHC-P		Use at an assay dependent concentration.

Target

Function

Component of the spliceosome A complex. Regulates alternative splicing of a number of 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.

Tissue specificity

Isoform 5 is widely expressed in normal tissues and is expressed at increased levels in T-leukemic cell lines.

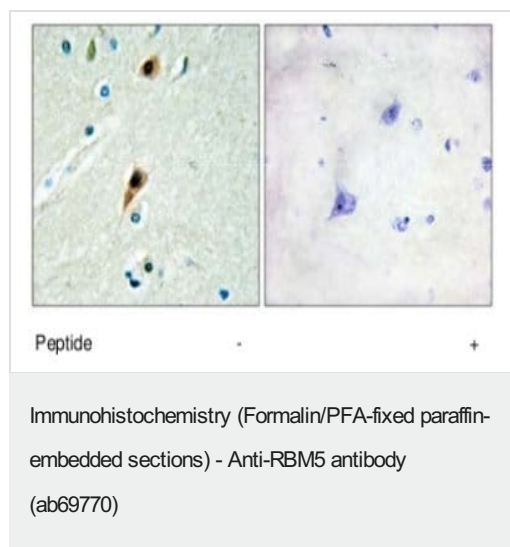
Sequence similarities

Belongs to the RBM5/RBM10 family.
Contains 1 C2H2-type zinc finger.
Contains 1 G-patch domain.
Contains 1 RanBP2-type zinc finger.
Contains 2 RRM (RNA recognition motif) domains.

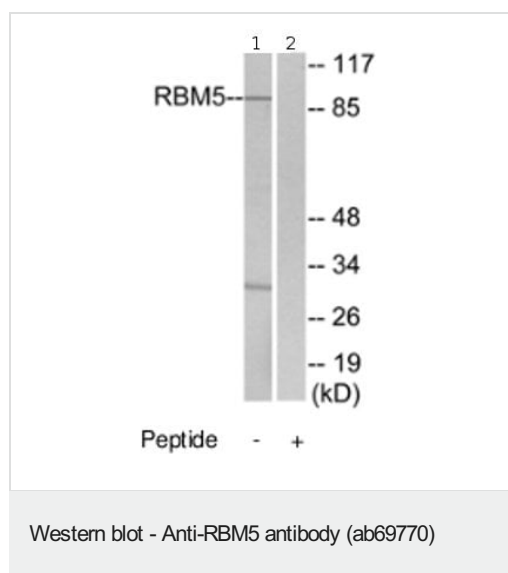
Cellular localization

Nucleus.

Images



Left: human brain tissue stained with ab69770 at 1/50 dilution;
Right: the antibody was preincubated with the immunizing peptide.



All lanes : Anti-RBM5 antibody (ab69770) at 1/500 dilution

Lane 1 : Extracts from HUVEC cells

Lane 2 : Extracts from HUVEC cells with immunizing peptide at 10 µg

Lysates/proteins at 15 µg per lane.

Predicted band size: 92 kDa

Observed band size: 92 kDa

Additional bands at: 31 kDa. We are unsure as to the identity of these extra bands.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors