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Datasheet for ABIN7127238
anti-RBM8A antibody

Overview

Quantity:	100 µg
Target:	RBM8A
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RBM8A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant full-length human RBM8A protein
Isotype:	IgG1
Specificity:	<p>Y14 Antibody is a high quality monoclonal Y14 antibody (also designated Y14 antibody) suitable for the detection of the Y14 protein of mouse, rat, human and Xenopus laevis origin. Y14 Antibody (4C4) is available as both the non-conjugated anti-Y14 antibody form, as well as multiple conjugated forms of anti-Y14 antibody, including agarose, HRP, PE, FITC and multiple Alexa Fluor conjugates. The exon junction complex (EJC) is a multiprotein complex that assembles approximately 20-24 nucleotides upstream of exon-exon junctions in pre-mRNAs. It is involved in mRNA export, cytoplasmic localization, and nonsense-mediated mRNA decay. Members of the EJC include Y14, Aly/REF, Magoh, RNPS1, SRm160, and DEK. Aly/REF, Magoh, and Y14, identified as RBM8 in mouse and rat, make up the core of the EJC, and these proteins remain stably bound to spliced mRNAs in the cytoplasm until they are translated. Therefore, Y14, Aly/REF, and Magoh have the ability to communicate to the cytoplasm the processing</p>

Product Details

history of the mRNA, including the position of the removed introns. The gene encoding human Y14 encodes three transcripts. Y14 is a ubiquitously expressed protein. Although Y14 shuttles to the cytoplasm, it is predominantly detected in the nucleus and is co-localized with oskar mRNA at the posterior pole of the cell.

Cross-Reactivity (Details): Human.

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target: RBM8A

Alternative Name: RBM8A ([RBM8A Products](#))

Background: Binder of OVCA1-1, BOV1A, BOV1B, BOV1C, HSPC114, MDS014, ZRNP1, Ribonucleoprotein RBM8A, RNA-binding protein 8A, RNA-binding protein Y14,Y14 / RBM8A
Cellular localisation: Nucleus. Nucleus speckle. Cytoplasm. Nucleocytoplasmic shuttling protein.

Molecular Weight: 24kDa

Gene ID: 9939, 728824

UniProt: [Q9Y5S9](#)

Application Details

Application Notes: Known_Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (1-2 µg/mL),Optimal dilution for a specific application should be determined.
Positive_Control: HeLa or HepG2 cells.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C,-80 °C

Storage Comment: Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-

Handling

hazardous.

Expiry Date:

24 months