

Rabbit RBM14 Polyclonal Antibody | anti-RBM14 antibody

RBM14 Antibody (C-term)

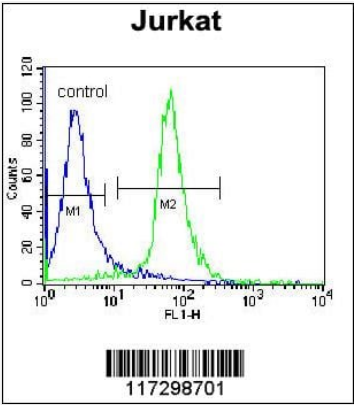
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286455	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

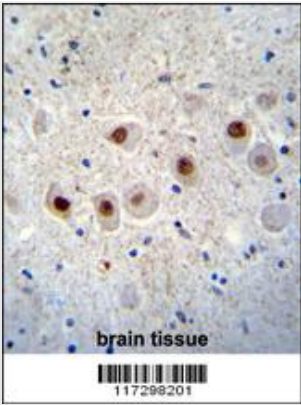
RBM14; Polyclonal Antibody; RBM14 Antibody (C-term); RNA-binding protein 14; Paraspeckle protein 2; PSP2; RNA-binding motif protein 14; RRM-containing coactivator activator/modulator; Synaptotagmin-interacting protein; SYT-interacting protein; SIP; anti-RBM14 antibody

PRODUCT SPECIFICATIONS

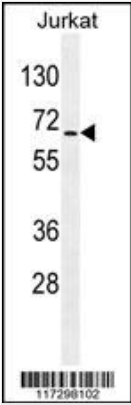
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RBM14 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 563-594 amino acids from the C-terminal region of human RBM14.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	0.5mg/ml (varies by lot)
Sequence Positions	563-594
Sequence Length	156
Applicable Applications for anti-RBM14 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Function	Isoform 1 may function as a nuclear receptor coactivator, enhancing transcription through other coactivators such as NCOA6 and CITED1. Isoform 2, functions as a transcriptional repressor, modulating transcriptional activities of coactivators including isoform 1, NCOA6 and CITED1.
Cellular Location	Nucleus. Nucleus, nucleolus. Note=In punctate subnuclear structures often located adjacent to splicing speckles, called paraspeckles
Tissue Location	Expressed in all tissues tested, including brain, heart, skeletal muscle, colon, thymus, spleen, kidney, liver, small intestine, placenta, lung and peripheral blood lymphocytes
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
RBM14 Antibody (C-term) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
RBM14 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of RBM14 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
RBM14 Antibody (C-term) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the RBM14 antibody detected the RBM14 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RBM14 antibody	Isoform 1 may function as a nuclear receptor coactivator, enhancing transcription through other coactivators such as NCOA6 and CITED1. Isoform 2, functions as a transcriptional repressor, modulating transcriptional activities of coactivators including isoform 1, NCOA6 and CITED1.
References	Li, X., et al. J. Cell. Biochem. 108(2):378-387(2009) Brooks, Y.S., et al. J. Biol. Chem. 284(27):18033-18046(2009) Kang, Y.K., et al. Cancer Res. 68(19):7887-7896(2008) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Matsuoka, S., et al. Science 316(5828):1160-1166(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	311771525
NCBI GeneID	100526737
NCBI Accession #	NP_001185765.1; NP_001185766.1; NP_001185774.1; NP_001185775.1; NP_006319.1
NCBI GenBank Nucleotide #	NM_001198836.1
UniProt Accession #	Q96PK6; O75932; Q2PYN1; Q53GV1; Q68DQ9; Q96PK5; B0LM41; B3KMN4; D6RGD8
Molecular Weight	69492

NCBI Official Full Name	RNA-binding protein 14 isoform 2
NCBI Official Synonym Full Names	RNA binding motif protein 14
NCBI Official Symbol	RBM14
NCBI Official Synonym Symbols	SIP; COAA; PSP2; SYTIP1; TMEM137
NCBI Protein Information	RNA-binding protein 14
UniProt Protein Name	RNA-binding protein 14
UniProt Gene Name	RBM14
UniProt Synonym Gene Names	SIP; PSP2; SYT-interacting protein
UniProt Entry Name	RBM14_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rbm14-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286455>