

## Rabbit Anti-RBM14/Cy5.5 Conjugated antibody

SL19763R-Cy5. 5

<b>Product Name</b>	Anti-RBM14/Cy5.5
<b>Chinese Name</b>	Cy5.5 标记的 RNABinding protein14 抗体
<b>Alias</b>	CoAA; Coactivator Activator; RBM 14; RBM14; RNA binding motif protein 14; RNA binding protein 14; RRM containing coactivator activator/modulator; SIP; Synaptotagmin interacting protein; SYT interacting protein 1; SYT interacting protein; SYT interacting protein SIP; SYTIP 1; SYTIP1.
<b>Research Area</b>	Cell biology Signal transduction transcriptional regulatory factor Epigenetics
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Human,Mouse(predicted:Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,GuineaPig) IF=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	69kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human RBM14
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
<b>Product Detail</b>	<b>background:</b> This gene encodes a ribonucleoprotein that functions as a general nuclear coactivator, and an RNA splicing modulator. This protein contains two RNA

recognition motifs (RRM) at the N-terminus, and multiple hexapeptide repeat domain at the C-terminus that interacts with thyroid hormone receptor-binding protein (TRBP), and is required for transcription activation. Alternatively spliced transcript variants encoding different isoforms (with opposing effects on transcription) have been described for this gene. [provided by RefSeq, Oct 2011]

**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.

**Subunit:**

Isoform 1 interacts with NCOA6, CITED1 and XRCC5/KU86. Isoform 1 interacts with SS18 isoform 1. Isoform 1 interacts with SS18 isoform 2.

**Subcellular Location:**

Nuclear

**Tissue Specificity:**

Expressed in all tissues tested, including brain, heart, skeletal muscle, colon, thymus, spleen, kidney, liver, small intestine, placenta, lung and peripheral blood lymphocytes.

**Similarity:**

Contains 2 RRM (RNA recognition motif) domains.

**Database links:**

[Entrez Gene: 511512](#) Cow

[Entrez Gene: 10432](#) Human

[Entrez Gene: 56275](#) Mouse

[Entrez Gene: 170900](#) Rat

[Omim: 612409](#) Human

[SwissProt: Q5EA36](#) Cow

[SwissProt: Q96PK6](#) Human



[SwissProt: Q8C2Q3](#) Mouse

[Unigene: 533712](#) Human

[Unigene: 8556](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.