



Rabbit Anti-RBM14 antibody

SL19763R

Product Name:	RBM14
Chinese Name:	RNABinding protein14抗体
Alias:	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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,Guinea Pig,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	69kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human RBM14:101-200/669
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

SWISS:

Q96PK6

Gene ID:

10432

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

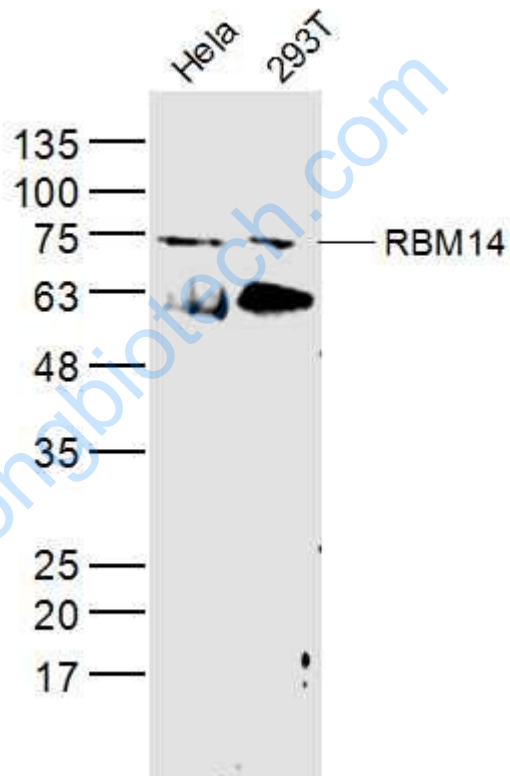
[Unigene: 533712](#) Human

[Unigene: 8556](#) Rat

Important Note:

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

Picture:



Sample:

HeLa(Human) Cell Lysate at 40 ug

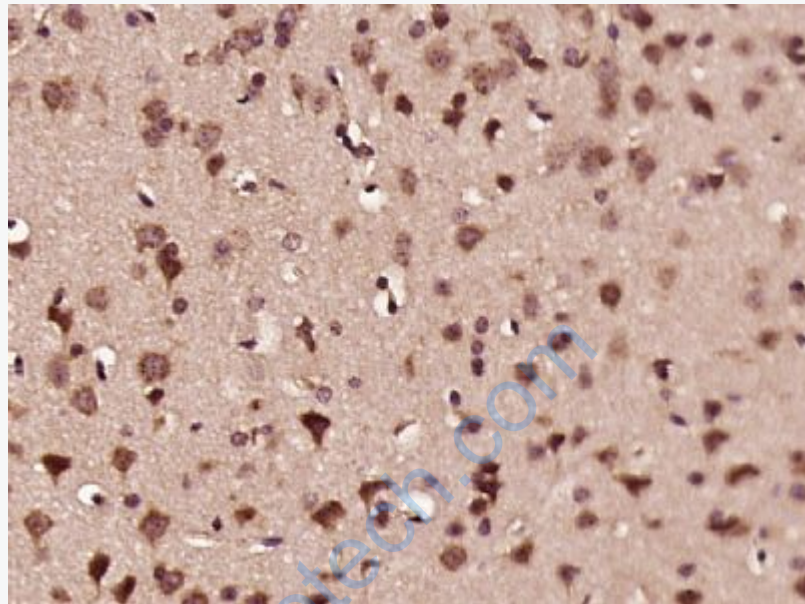
293T(Human) Cell Lysate at 40 ug

Primary: Anti-RBM14 (SL19763R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 69 kD

Observed band size: 69 kD



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RBM14) Polyclonal Antibody, Unconjugated (SL19763R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.