

## RBM14 Polyclonal Antibody

**catalog number: E-AB-90590**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

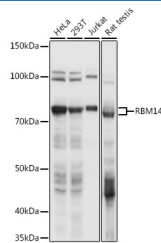
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant fusion protein of human RBM14
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications

Applications	Recommended Dilution
<b>WB</b>	1:500-1:2000
<b>IF</b>	1:50-1:200

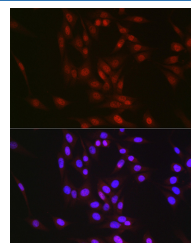
### Data



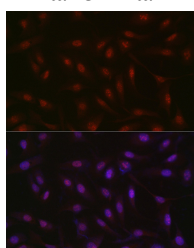
Western blot analysis of extracts of various cell lines using RBM14 Polyclonal Antibody at 1:1000 dilution.

**Observed-MW:75 kDa**

**Calculated-MW:12 kDa/13 kDa/17 kDa/37 kDa/69 kDa**



Immunofluorescence analysis of NIH/3T3 cells using RBM14 Polyclonal Antibody at dilution of 1:300 (40x lens).  
Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using RBM14 Polyclonal Antibody at dilution of 1:300 (40x lens). Blue: DAPI for nuclear staining.

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

### For Research Use Only

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.

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