

## RBM3 Polyclonal Antibody

**Catalog No.** E-AB-62192

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

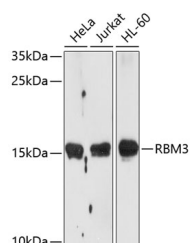
### Description

|                     |                                                         |
|---------------------|---------------------------------------------------------|
| <b>Reactivity</b>   | Human, Mouse, Rat                                       |
| <b>Immunogen</b>    | Recombinant fusion protein of human RBM3 (NP_006734.1). |
| <b>Host</b>         | Rabbit                                                  |
| <b>Isotype</b>      | IgG                                                     |
| <b>Purification</b> | Affinity purification                                   |
| <b>Conjugation</b>  | Unconjugated                                            |
| <b>Buffer</b>       | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.       |

### Applications Recommended Dilution

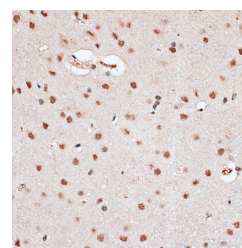
|            |              |
|------------|--------------|
| <b>WB</b>  | 1:200-1:2000 |
| <b>IHC</b> | 1:50-1:200   |

### Data

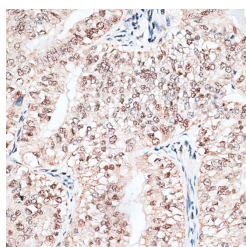


Western blot analysis of extracts of various cell lines using RBM3 Polyclonal Antibody at dilution of 1:1000.

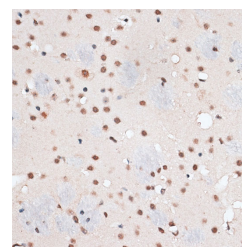
**Observed Mw:17kDa**  
**Calculated Mw:17kDa**



Immunohistochemistry of paraffin-embedded Rat brain using RBM3 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human endometrium cancer using RBM3 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse brain using RBM3 Polyclonal Antibody at dilution of 1:100 (40x lens).

### Preparation & Storage

### For Research Use Only

**Storage**                      Store at -20°C. Avoid freeze / thaw cycles.

## Background

This gene is a member of the glycine-rich RNA-binding protein family and encodes a protein with one RNA recognition motif (RRM) domain. Expression of this gene is induced by cold shock and low oxygen tension. A pseudogene exists on chromosome 1. Multiple alternatively spliced transcript variants that are predicted to encode different isoforms have been characterized although some of these variants fit nonsense-mediated decay (NMD) criteria.