

## Recombinant 14-3-3 theta Monoclonal Antibody

catalog number: AN301741L

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

### Description

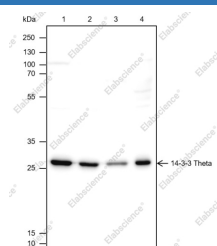
|                     |                                                                 |
|---------------------|-----------------------------------------------------------------|
| <b>Reactivity</b>   | Human;Mouse;Rat                                                 |
| <b>Immunogen</b>    | Recombinant human 14-3-3 theta fragment                         |
| <b>Host</b>         | Rabbit                                                          |
| <b>Isotype</b>      | Rabbit IgG                                                      |
| <b>Clone</b>        | C131363                                                         |
| <b>Purification</b> | Protein A purified                                              |
| <b>Buffer</b>       | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

### Applications

### Recommended Dilution

|           |              |
|-----------|--------------|
| <b>WB</b> | 1:500-1:1000 |
|-----------|--------------|

### Data



Western Blot with 14-3-3 theta Monoclonal Antibody at dilution of 1:1000. Lane 1: IMR-32, Lane 2: Caco-2, Lane 3: Mouse kidney, Lane 4: Rat testis

**Observed-MW:28 kDa**

**Calculated-MW:28 kDa**

### Preparation & Storage

|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag                                                         |

### Background

14-3-3 protein theta is a protein that in humans is encoded by the YWHAQ gene. This gene product belongs to the 14-3-3 family of proteins that mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99% identical to the mouse and rat orthologs. This gene is upregulated in patients with amyotrophic lateral sclerosis. It contains in its 5' UTR a 6 bp tandem repeat sequence.

### For Research Use Only

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