

## CEP55 Polyclonal Antibody

catalog number: E-AB-11074

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

### Description

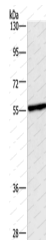
|                     |                                                                                    |
|---------------------|------------------------------------------------------------------------------------|
| <b>Reactivity</b>   | Human;Rat                                                                          |
| <b>Immunogen</b>    | Recombinant protein of human CEP55                                                 |
| <b>Host</b>         | Rabbit                                                                             |
| <b>Isotype</b>      | Rabbit IgG                                                                         |
| <b>Purification</b> | Affinity purification                                                              |
| <b>Buffer</b>       | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

### Applications

### Recommended Dilution

|           |              |
|-----------|--------------|
| <b>WB</b> | 1:200-1:1000 |
|-----------|--------------|

### Data



Western Blot analysis of Hela cell using CEP55 Polyclonal  
Antibody at dilution of 1:550  
**Calculated-MW:54 kDa**

### 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

Centrosomal protein of 55 kDa is a protein that in humans is encoded by the CEP55 gene.CEP55 is a mitotic phosphoprotein that plays a key role in cytokinesis, the final stage of cell division.Interacts (phosphorylated on Ser-425 and Ser-428) with PLK1.Interacts with AKAP9; the interaction occurs in interphase and is lost upon mitotic entry.Interacts with PCNT; the interaction occurs in interphase and is lost upon mitotic entry.Interacts with PDCD6IP; the interaction is direct; CEP55 binds PDCD6IP in a 2:1 stoichiometry; PDCD6IP competes with TSG101 for the same binding site.

### For Research Use Only

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