

## 14-3-3 Epsilon Polyclonal Antibody

### Description

|                                |  |
|--------------------------------|--|
| <b>Product type</b>            | Primary Antibody   |
| <b>Code</b>                    | BT-AP00006   |
| <b>Host</b>                    | Rabbit   |
| <b>Isotype</b>                 | IgG  |
| <b>Size</b>                    | 20ul, 50ul, 100ul  |
| <b>Immunogen</b>               | The antiserum was produced against synthesized peptide derived from human 14-3-3 epsilon. AA range:206-255 |
| <b>Mol wt</b>                  | 29174  |
| <b>Species reactivity</b>      | Human, Mouse, Rat  |
| <b>Clonality</b>               | Polyclonal   |
| <b>Recommended application</b> | WB, IHC-p, IF, ELISA   |
| <b>Concentration</b>           | 1 mg/ml  |
| <b>Full name</b>               | 14-3-3 epsilon Antibody  |
| <b>Synonyms</b>                | YWHAE; 14-3-3 protein epsilon; 14-3-3E   |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein epsilon belongs to the 14-3-3 family of proteins which 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 100% identical to the mouse ortholog. It interacts with CDC25 phosphatases, RAF1 and IRS1 proteins, suggesting its role in diverse biochemical activities related to signal transduction, such as cell division and regulation of insulin sensitivity. It has also been implicated in the pathogenesis of small cell lung cancer. Two transcript variants, one protein-coding and the other non-protein-coding, have been found for YWHAE.

### Recommended Dilution

WB: 1: 500 - 1: 2000

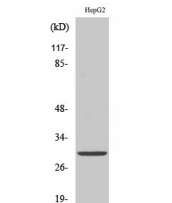
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

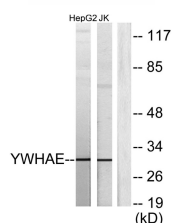
ELISA: 1: 20000

Not yet tested in other applications.

### Images



Western blot analysis of various cells using 14-3-3 ε Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from HepG2 and Jurkat cells, using 14-3-3 epsilon Antibody. The lane on the right is blocked with the synthesized peptide.

## Storage

-20°C for one year

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