

## Product datasheet for **TA354241**

### 14-3-3 beta (YWHAB) Rabbit Polyclonal Antibody

#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Recommended Dilution:   | WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml  |
| Reactivity:             | Human, Mouse, Rat  |
| Host:                   | Rabbit   |
| Isotype:                | IgG  |
| Clonality:              | Polyclonal   |
| Immunogen:              | A synthetic peptide corresponding to N-term of human 14.3.3 beta protein.  |
| Formulation:            | This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.   |
| Purification:           | The Rabbit IgG is purified by Epitope Affinity Purification  |
| Conjugation:            | Unconjugated   |
| Storage:                | Store at -20°C as received.  |
| Stability:              | Stable for 12 months from date of receipt.   |
| Predicted Protein Size: | ~28 kDa  |
| Gene Name:              | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein beta  |
| Database Link:          | <a href="#">NP_003395</a><br><a href="#">Entrez Gene 54401 Mouse</a> <a href="#">Entrez Gene 56011 Rat</a> <a href="#">Entrez Gene 7529 Human</a><br><a href="#">P31946</a>  |
| Background:             | The 14-3-3 proteins are a family of small, widely expressed, highly conserved cytosolic proteins. 14-3-3 proteins bind to and influence the activities of a diverse group of molecules involved in signal transduction, cell cycle regulation and apoptosis, including Raf, PKC, Bad, Cbl, and c-Bcr. Interactions between 14-3-3 and target proteins are strongly influenced by the phosphorylation state of 14-3-3 and the target protein. 14.3.3 beta is highly expressed in brain tissue. It is critical to cell transformation and mitotic signaling. |
| Synonyms:               | GW128; HEL-S-1; HS1; KCIP-1; YWHAA   |
| Protein Families:       | Druggable Genome   |
| Protein Pathways:       | Cell cycle, Neurotrophin signaling pathway, Oocyte meiosis   |



[View online »](#)