

## Product datasheet for **TA322851**

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

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1000-5000 WB positive control: HT-29 cells and Mouse brain tissue
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 4-18 amino acids of Human Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen 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> <a href="#">Entrez Gene 54401 Mouse</a> <a href="#">Entrez Gene 56011 Rat</a> <a href="#">Entrez Gene 7529 Human</a> <a href="#">P31946</a>
Background:	This gene encodes a protein belonging to the 14-3-3 family of proteins; members of which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals. The encoded protein has been shown to interact with RAF1 and CDC25 phosphatases; suggesting that it may play a role in linking mitogenic signaling and the cell cycle machinery. Two transcript variants; which encode the same protein; have been identified for this gene.



[View online »](#)

**Synonyms:** GW128; HEL-S-1; HS1; KCIP-1; YWHAA

**Protein Families:** Druggable Genome

**Protein Pathways:** Cell cycle, Neurotrophin signaling pathway, Oocyte meiosis

**Product images:**



Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-2: HT29 cells  
Mouse brain tissue  
Primary antibody: TA322851 (YWHAB Antibody)  
at dilution 1/750  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 1 minute