

For Research Use Only

# YWHAH Recombinant antibody, PBS Only

Catalog Number: 85987-1-PBS



## Basic Information

|  |  |   |
|--|--|---|
| <b>Catalog Number:</b><br>85987-1-PBS                      | <b>GenBank Accession Number:</b><br>BC003047   | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug, Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>7533  | <b>CloneNo.:</b><br>250473C7                          |
| <b>Source:</b><br>Rabbit                                   | <b>UNIPROT ID:</b><br>Q04917   |   |
| <b>Isotype:</b><br>IgG                                     | <b>Full Name:</b><br>tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide |   |
| <b>Immunogen Catalog Number:</b><br>AG7435                 | <b>Calculated MW:</b><br>28 kDa  |   |
|  | <b>Observed MW:</b><br>28 kDa  |   |

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

YWHAH (also known as 14-3-3 eta) is a member of 14-3-3 proteins which were the first phosphoserine/phosphothreonine-binding proteins to be discovered. 14-3-3 family members interact with a wide spectrum of proteins and possess diverse functions. Mammals express seven distinct 14-3-3 isoforms (gamma, epsilon, beta, zeta, sigma, theta, tau) that form multiple homo- and hetero- dimers. 14-3-3 proteins display the highest expression levels in the brain, and have been implicated in several neurodegenerative diseases, including Alzheimer's disease and amyotrophic lateral sclerosis. This antibody was raised against the full-length YWHAH.

## Storage

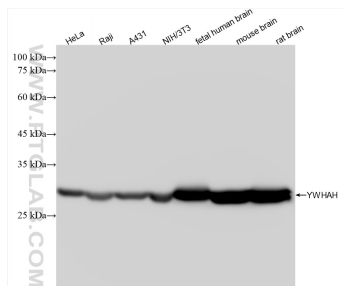
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

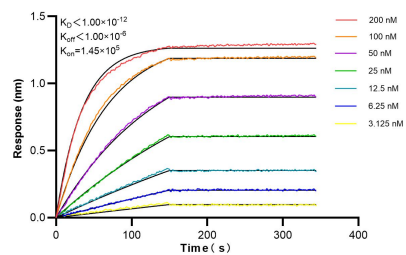
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85987-1-RR (YWHAH antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85987-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85987-1-RR against Human YWHAH were performed. The affinity constant is below 1 pM.