

## Anti-YWHAH Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A04219-2-Fluoro488

### About YWHAH

14-3-3 protein eta also referred to as 14-3-3eta is a protein that in humans is encoded by the YWHAH gene. This gene product 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 99% identical to the mouse, rat and bovine orthologs. This gene contains a 7 bp repeat sequence in its 5' UTR, and changes in the number of this repeat have been associated with early-onset schizophrenia and psychotic bipolar disorder.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-YWHAH Antibody Picoband® Fluoro488 Conjugated   |
| Reactive Species     | Human, Monkey, Mouse, Rat  |
| Application          | Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, IF, IHC, ICC, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality            | Polyclonal   |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .   |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.   |
| Host                 | Rabbit   |
| Uniprot ID           | Q04917   |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | A synthetic peptide corresponding to a sequence at the C-terminus of human YWHAH. |
| Form                | Liquid  |
| Concentration       | 0.5 mg/mL   |
| Purification        | Immunogen affinity purified.  |
| Conjugate           | Fluoro488<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 515-545 nm     |
| Suggested Dilutions | Optimal dilutions should be determined by end users.                              |

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Anti-YWHAH Antibody - Fluoro488

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