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# 14-3-3 eta/YWHAH Monoclonal Antibody

catalog number: AN200073P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

## **Description**

Reactivity Human

Immunogen Recombinant Human 14-3-3 eta / YWHAH protein

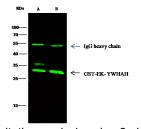
HostMouseIsotypeIgG1CloneA921PurificationProtein A

Buffer 0.2 µm filtered solution in PBS

## Applications Recommended Dilution

WB 1:500-1:2000IP 1-4 μL/mg of lysate

#### Data



Western Blot with 14-3-3 eta / YWHAH Monoclonal Antibody at dilution of 1:500. Lane A: U937 Whole Cell Lysate, Lane B: 293T Whole Cell Lysate, Lane C: Jurkat Whole Cell

Lysate, Lane D: K562 Whole Cell Lysate, Lysates/proteins

Immunoprecipitation analysis using 2 µL anti-YWHAH mouse Monoclonal Antibody and 15 µl of 50 % Protein G agarose. Western blot was performed from the immunoprecipitate using YWHAH mouse Monoclonal Antibody at a dilution of 1:500. Lane A:0.5 mg Jurkat Whole Cell Lysate, Lane B:0.5 mg k562 Whole Cell Lysate

at 30 µg per lane. Observed-MW:30 kDa Calculated-MW:28 kDa

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## **Preparation & Storage**

Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

## **Background**

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 2' UTR, and changes in the number of this repeat have been associated with early-onset schizophrenia and psychotic bipolar disorder.

## For Research Use Only

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