A9079

Leader in Biomolecular Solutions for Life Science

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# YWHAH Rabbit pAb

**Catalog No.: A9079**

## Basic Information

**Observed MW**
28kDa

**Calculated MW**
28kDa

**Category**
Polyclonal Antibody

**Applications**
WB,IF/ICC,ELISA

**Cross-Reactivity**
Human,Mouse,Rat

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

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:500 - 1:2000 |
| **IF/ICC** | 1:50 - 1:100 |

## Immunogen Information

**Gene ID**
7533

**Swiss Prot**
Q04917

**Immunogen**
Recombinant fusion protein containing a sequence corresponding to amino acids 1-246 of human YWHAH (NP_003396.1).

**Synonyms**
YWHA1; YWHAH

## Contact

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## Product Information

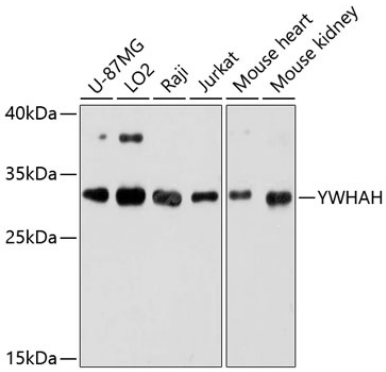
**Source**
Rabbit

**Isotype**
IgG

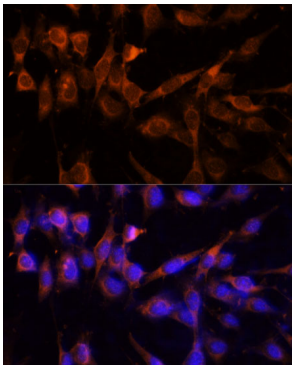
**Purification**
Affinity purification

**Storage**
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

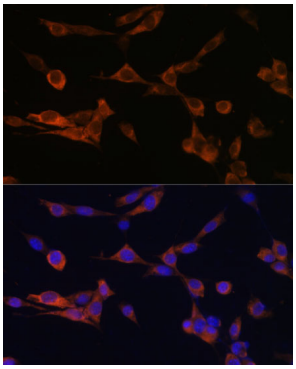
## Validation Data




Western blot analysis of various lysates using YWHAH Rabbit pAb (A9079) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



Immunofluorescence analysis of NIH-3T3 cells using YWHAH Rabbit pAb (A9079) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



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