

# 14-3-3 zeta/YWHAZ Rabbit mAb

Catalog No.: A24006 **Recombinant**

## Basic Information

### Observed MW

30kDa

### Calculated MW

19kDa/28kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC62843

## 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 sheep orthologs. The encoded protein interacts with IRS1 protein, suggesting a role in regulating insulin sensitivity. Several transcript variants that differ in the 5' UTR but that encode the same protein have been identified for this gene.

## Recommended Dilutions

**WB** 1:2000 - 1:10000

**IF/ICC** 1:50 - 1:200

## Immunogen Information

### Gene ID

7534

### Swiss Prot

P63104

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 145-245 of human YWHAZ (NP\_002267.2).

### Synonyms

HEL4; YWHAD; KCIP-1; HEL-S-3; POPCHAS; HEL-S-93; 14-3-3-zeta; 14-3-3 zeta/YWHAZ

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

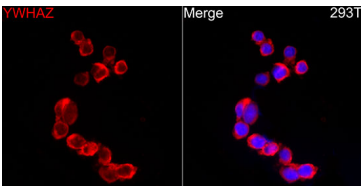
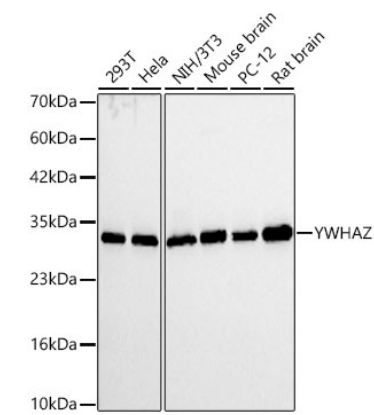
Affinity purification

### Storage

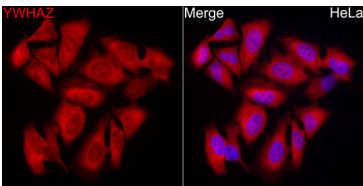
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

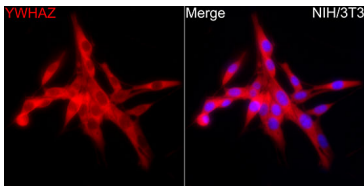
Validation Data



Immunofluorescence analysis of 293T cells using YWHAZ Rabbit mAb (A24006) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using YWHAZ Rabbit mAb (A24006) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using YWHAZ Rabbit mAb (A24006) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.