

# YWHAZ (Human) Cell-Based ELISA Kit

Catalog # KA2540

Size 1 Kit

## Specification

|                            |  |
|----------------------------|--|
| <b>Product Description</b> | YWHAZ (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of YWHAZ expression in cultured cells. |
| <b>Suitable Sample</b>     | Attached Cell, Loosely Attached Cell, Suspension Cell  |
| <b>Label</b>               | HRP-conjugated   |
| <b>Detection Method</b>    | Colorimetric   |
| <b>Assay Type</b>          | Qualitative  |
| <b>Reactivity</b>          | Human, Mouse, Rat  |
| <b>Regulation Status</b>   | For research use only (RUO)  |
| <b>Storage Instruction</b> | Store the kit at 4°C.  |

## Applications

- Qualitative

## Gene Info — YWHAZ

|                           |  |
|---------------------------|--|
| <b>Entrez GeneID</b>      | <a href="#">7534</a>   |
| <b>Protein Accession#</b> | <a href="#">P63104</a>   |
| <b>Gene Name</b>          | YWHAZ  |
| <b>Gene Alias</b>         | KCIP-1, MGC111427, MGC126532, MGC138156  |
| <b>Gene Description</b>   | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide |

Omim ID [601288](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** 14-3-3 protein/cytosolic phospholipase A2|14-3-3 zeta|OTTHUMP00000165851|OTTHUMP00000165852|OTTHUMP00000165854|OTTHUMP00000165858|OTTHUMP00000165859|OTTHUMP00000165860|phospholipase A2|protein kinase C inhibitor protein-1|tyrosine 3/tryptophan 5 -monooxygenase

## Pathway

- [Cell cycle](#)
- [Neurotrophin signaling pathway](#)
- [Pathogenic Escherichia coli infection - EHEC](#)

## Disease

- [Alzheimer disease](#)
- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)