YWHAZ/YWHAB (Human) Cell-Based ELISA Kit

Catalog # KA2539 Size 1 Kit

Specification

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

Applications

- Qualitative

Gene Info — YWHAB

Entrez GeneID	7529
Protein Accession#	P63104 (Gene ID : 7534);P31946 (Gene ID : 7529)
Gene Name	YWHAB
Gene Alias	GW128, HS1, KCIP-1
Gene Description	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide

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Omim ID	601289
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein belonging to the 14-3-3 family of proteins, members of which mediat e signal transduction by binding to phosphoserine-containing proteins. This highly conserved prot ein family is found in both plants and mammals. The encoded protein has been shown to interact with RAF1 and CDC25 phosphatases, suggesting that it may play a role in linking mitogenic sign aling and the cell cycle machinery. Two transcript variants, which encode the same protein, have b een identified for this gene. [provided by RefSeq
Other Designations	14-3-3 protein beta/alpha|OTTHUMP00000031075|OTTHUMP00000031076|brain protein 14-3-3, beta isoform|protein 1054|protein kinase C inhibitor protein-1

Gene Info — YWHAZ

Entrez GeneID	7534
Protein Accession#	P63104 (Gene ID : 7534);P31946 (Gene ID : 7529)
Gene Name	YWHAZ
Gene Alias	KCIP-1, MGC111427, MGC126532, MGC138156
Gene Description	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 bi nding 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. Sev eral transcript variants that differ in the 5' UTR but that encode the same protein have been identifi ed for this gene. [provided by RefSeq
Other Designations	14-3-3 protein/cytosolic phospholipase A2|14-3-3 zeta|OTTHUMP00000165851|OTTHUMP0000 0165852|OTTHUMP00000165854|OTTHUMP00000165858|OTTHUMP00000165859|OTTHUM P00000165860|phospholipase A2|protein kinase C inhibitor protein-1|tyrosine 3/tryptophan 5 -m onooxyg

Pathway

- Cell cycle
- Cell cycle

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- Neurotrophin signaling pathway
- Neurotrophin signaling pathway
- Pathogenic Escherichia coli infection - EHEC

Disease

- Alzheimer disease
- Autistic Disorder
- Autistic Disorder
- Genetic Predisposition to Disease
- Tobacco Use Disorder

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