



# Anti-YWHAG monoclonal antibody, clone K4I21 (DCABH-813)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to 14-3-3 gamma
<b>Antigen Description</b>	Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner.
<b>Immunogen</b>	Recombinant full length protein, corresponding to amino acids 1-274 of Human 14-3-3 gamma (NP_036611) purified from E. coli.
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Mouse, Human
<b>Clone</b>	K4I21
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA, IHC-P
<b>Positive Control</b>	Human brain cortex or heart tissue. HeLa cell lysate; mouse brain lysate.
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	pH: 7.40; Preservative: 0.1% Sodium azide; Constituent: 99% PBS
<b>Preservative</b>	0.1% Sodium Azide

**Storage**

Store at +4°C or -20°C long term. Avoid repeated freeze / thaw cycles. Store undiluted.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">YWHAG tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide [ Homo sapiens ]</a>
<b>Official Symbol</b>	YWHAG
<b>Synonyms</b>	YWHAG; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide; 14-3-3 protein gamma; 14 3 3 gamma; KCIP-1; 14-3-3 gamma; protein kinase C inhibitor protein 1; 14-3-3GAMMA;
<b>Entrez Gene ID</b>	<a href="#">7532</a>
<b>Protein Refseq</b>	<a href="#">NP_036611</a>
<b>UniProt ID</b>	<a href="#">P61981</a>
<b>Chromosome Location</b>	7q11.23
<b>Pathway</b>	Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, conserved biosystem; Centrosome maturation, organism-specific biosystem;
<b>Function</b>	insulin-like growth factor receptor binding; protein binding; protein domain specific binding; protein kinase C binding; protein kinase C inhibitor activity; receptor tyrosine kinase binding;