



Anti-14-3-3 monoclonal antibody, clone 3R359 (DCABH-3893)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to 14-3-3
Antigen Description	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. Negative regulator of osteogenesis. Blocks the nuclear translocation of the phosphorylated form (by AKT1) of SRPK2 and antagonizes its stimulatory effect on cyclin D1 expression resulting in blockage of neuronal apoptosis elicited by SRPK2.
Specificity	Detection varies from tissue to tissue (Brain, Retina, Testis, Pineal, Kidney, Spleen, Adrenal, Lung, Heart, Liver, Ovary, Thyroid) and during development. This is a pan specific 14-3-3 antibody.
Immunogen	Synthetic peptide, corresponding to amino acids 208-244 of Rat 14-3-3.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Rat
Clone	3R359
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	250 µl

Buffer	Preservative: None; Constituents: Tissue Culture Supernatant
Preservative	None
Storage	store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	Ywhaz tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide [Rattus norvegicus]
Official Symbol	Ywhaz
Synonyms	YWHAZ; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide; 14-3-3 protein zeta/delta; KCIP-1; protein kinase C inhibitor protein 1; mitochondrial import stimulation factor S1 subunit; 14-3-3z;
Entrez Gene ID	25578
Protein Refseq	NP_037143
UniProt ID	P63102
Pathway	Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, conserved biosystem; GP1b-IX-V activation signalling, organism-specific biosystem; Hemostasis, organism-specific biosystem; IL-3 Signaling Pathway, organism-specific biosystem;
Function	protein binding; protein complex binding; protein domain specific binding; protein domain specific binding; transcription factor binding; transcription factor binding;