14-3-3 gamma Conjugated Antibody

Catalog No: #C49205

Package Size: #C49205-AF350 100ul #C49205-AF405 100ul #C49205-AF488 100ul #C49205-AF555 100ul #C49205-AF594 100ul #C49205-AF647 100ul #C49205-AF680 100ul #C49205-AF750 100ul #C49205-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	14-3-3 gamma Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	14 3 3 gamma antibody 14 3 3 protein gamma antibody 14 3 3 protein gamma subtype antibody 14 3 3gamma antibody 14-3-3 protein gamma antibody 1433G_HUMAN antibody 3 monooxygenase/tryptophan 5 monooxgenase activation protein gamma polypeptide antibody KCIP 1 antibody KCIP-1 antibody KCIP1 antibody N-terminally processed antibody Protein kinase C inhibitor protein 1 antibody Tyrosine 3 monooxygenase/tryptophan 5 monooxygenase activation protein gamma polypeptide antibody Ywhag antibody
Accession No.	Swiss-Prot#:P61981
Uniprot	P61981
GeneID	7532;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	28 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

14-3-3 proteins regulate many cellular processes relevant to cancer biology, notably apoptosis, mitogenic signaling and cell-cycle checkpoints. Seven isoforms comprise this family of signaling intermediates, denoted 14-3-3 b, g, e, z, h, q and s. 14-3-3 proteins form dimers that present two binding sites for ligand proteins, thereby bringing together two proteins that may not otherwise associate. These ligands largely share a 14-3-3 consensus binding motif and exhibit serine/threonine phosphorylation. 14-3-3 proteins function in broad regulation of these ligand proteins; by cytoplasmic sequestration, occupation of interaction domains and import/export sequences, prevention of degradation, activation/repression of enzymatic activity, and facilitation of protein modification. Loss of expression contributes to a vast array of pathogenic cellular activities.

Note: This product is for in vitro research use only