

Girdin (Phospho-Ser1417) Conjugated Antibody

Catalog No: #C11804

Package Size: #C11804-AF350 100ul #C11804-AF405 100ul #C11804-AF488 100ul

#C11804-AF555 100ul #C11804-AF594 100ul #C11804-AF647 100ul

#C11804-AF680 100ul #C11804-AF750 100ul #C11804-Biotin 100ul

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Description

Product Name	Girdin (Phospho-Ser1417) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of Girdin only when phosphorylated at serine 1417.
Immunogen Description	Peptide sequence around phosphorylation site of Serine 417(Q-K-S(p)-L-T) derived from Human Girdin .
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	APE; GIV;GRDN;HKRP1;KIAA1212
Accession No.	Swiss-Prot#:Q3V6T2NCBI Gene ID:55704NCBI mRNA#:NM_018084.4. NCBI Protein#:NP_060554.3.
Uniprot	Q3V6T2
GeneID	55704;
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	216
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

Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Background

girdin IS a ubiquitously expressed actin binding protein that plays an important role in the formation of stress fibers and lamellipodia. Subsequent to phosphorylation by Akt, Girdin accumulates at the leading edge of migrating cells and appears to be crucial for the integrity of the actin cytoskeleton and for cell migration.

Note: This product is for in vitro research use only