CDKN2AIP Conjugated Antibody

Catalog No: #C35855

Package Size: #C35855-AF350 100ul #C35855-AF405 100ul #C35855-AF488 100ul #C35855-AF555 100ul #C35855-AF594 100ul #C35855-AF647 100ul #C35855-AF680 100ul #C35855-AF750 100ul #C35855-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	CDKN2AIP Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CDKN2AIP protein.
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human CDKN2A interacting protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CARF
Accession No.	Swiss-Prot#:Q9NXV6NCBI Gene ID:55602NCBI Protein#:BC022270
Uniprot	Q9NXV6
GeneID	55602;
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
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

CDKN2AIP (CDKN2A-interacting protein), also known as CARF, is a 580 amino acid protein that activates p53 via p14 ARF (alternate reading frame)-dependent and independent pathways. CDKN2AIP-dependent activation of p53, a protein that up-regulates growth arrest and apoptosis-related genes in response to stress signals, leads to an enhancement of p53 function. Expression levels of CDKN2AIP and p53 show an inverse relationship that is caused by a negative-feedback control via a proteasome-mediated degradation pathway. CDKN2AIP is expressed ubiquitously across tissue samples and, along with p14 ARF, is localized to the perinucleolar region within the nucleus.

Note: This product is for in vitro research use only