

ARPC4 Conjugated Antibody

Catalog No: #C37116



Package Size: #C37116-AF350 100ul #C37116-AF405 100ul #C37116-AF488 100ul
 #C37116-AF555 100ul #C37116-AF594 100ul #C37116-AF647 100ul
 #C37116-AF680 100ul #C37116-AF750 100ul #C37116-Biotin 100ul

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Description

Product Name	ARPC4 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total ARPC4 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human actin related protein 2/3 complex, subunit 4, 20kDa
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ARC20; P20-ARC
Accession No.	Swiss-Prot#:P59998NCBI Gene ID:10093NCBI Protein#:NP_005722
Uniprot	P59998
GeneID	10093;
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

This gene encodes one of seven subunits of the human Arp2/3 protein complex. This complex controls actin polymerization in cells and has been conserved throughout eukaryotic evolution. This gene encodes the p20 subunit, which is necessary for actin nucleation and high-affinity binding to F-actin. Alternative splicing results in multiple transcript variants. Naturally occurring read-through transcription exists between this gene and the downstream tubulin tyrosine ligase-like family, member 3 (TTL3), which results in the production of a fusion protein.

Note: This product is for in vitro research use only