

AKAP1 Conjugated Antibody

Catalog No: #C37094



Package Size: #C37094-AF350 100ul #C37094-AF405 100ul #C37094-AF488 100ul
 #C37094-AF555 100ul #C37094-AF594 100ul #C37094-AF647 100ul
 #C37094-AF680 100ul #C37094-AF750 100ul #C37094-Biotin 100ul

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Description

Product Name	AKAP1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total AKAP1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human A kinase (PRKA) anchor protein 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AKAP; PRKA1; AKAP84; TDRD17; AKAP121; AKAP149; D-AKAP1; PPP1R43; SAKAP84
Accession No.	Swiss-Prot#:Q92667NCBI Gene ID:8165NCBI Protein#:NP_001129
Uniprot	Q92667
GeneID	8165;
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

The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The encoded protein binds to type I and type II regulatory subunits of PKA and anchors them to the mitochondrion. This protein is speculated to be involved in the cAMP-dependent signal transduction pathway and in directing RNA to a specific cellular compartment.

Note: This product is for in vitro research use only