Filamin-A Conjugated Antibody

Catalog No: #C48251

Package Size: #C48251-AF350 100ul #C48251-AF405 100ul #C48251-AF488 100ul #C48251-AF555 100ul #C48251-AF594 100ul #C48251-AF647 100ul #C48251-AF680 100ul #C48251-AF750 100ul #C48251-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	Filamin-A Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ABP 280 antibody ABP-280 antibody Actin-binding protein 280 antibody Alpha filamin antibody Alpha-filamin antibody APBX antibody CSBS antibody CVD1 antibody Endothelial actin binding protein antibody Endothelial actin-binding protein antibody Filamin 1 antibody Filamin A alpha antibody Filamin A antibody Filamin-1 antibody Filamin-A antibody FLN antibody FLN-A antibody FLN1 antibody FLNA antibody FLNA_HUMAN antibody FMD antibody MNS antibody NHBP antibody Non muscle filamin antibody Non-muscle filamin antibody OPD antibody OPD1 antibody OPD2 antibody XLVD antibody XMVD antibody
Accession No.	Swiss-Prot#:P21333
Uniprot	P21333
GeneID	2316;
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	280 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

Caldesmon, Filamin 1, Nebulin and Villin are differentially expressed and regulated Actin binding proteins. Both muscular (CDh) and non-muscular (CDl) forms of Caldesmon have been identified and each has been shown to bind to Actin as well as to calmodulin and Myosin. CDh is expressed predominantly on thin filaments in smooth muscle, whereas CDl is widely expressed in non-muscle tissues and cells. Filamin 1, which is ubiquitously expressed and exists as a homodimer, functions to crosslink Actin to filaments. Nebulin is a large filamentous protein specific to muscle tissue that may function as a ruler for filament length. Several isoforms of Nebulin are produced by alternative exon usage. Villin is Ca2+-regulated and is the major structural component of the brush border of absorptive cells.

Note: This product is for in vitro research use only