

Annexin IV Conjugated Antibody

Catalog No: #C49926



Package Size: #C49926-AF350 100ul #C49926-AF405 100ul #C49926-AF488 100ul
 #C49926-AF555 100ul #C49926-AF594 100ul #C49926-AF647 100ul
 #C49926-AF680 100ul #C49926-AF750 100ul #C49926-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	Annexin IV Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	Recombinant protein within human Annexin IV aa 1-200.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	35 beta calcimedlin antibody 35-beta calcimedlin antibody AIV antibody Annexin 4 antibody Annexin A4 antibody Annexin IV (placental anticoagulant protein II) antibody Annexin IV antibody Annexin IV placental anticoagulant protein II antibody Annexin-4 antibody AnnexinA4 antibody AnnexinIV antibody ANX 4 antibody ANX A4 antibody ANX4 antibody ANXA 4 antibody ANXA4 antibody ANXA4 protein antibody ANXA4_HUMAN antibody Carbohydrate binding protein P33/P41 antibody Carbohydrate-binding protein p33/p41 antibody Chromobindin 4 antibody Chromobindin-4 antibody Chromobindin4 antibody DKFZp686H02120 antibody Endonexin I antibody EndonexinI antibody Lipocortin IV antibody LipocortinIV antibody MGC75105 antibody OTTHUMP00000160052 antibody OTTHUMP00000202207 antibody P32.5 antibody P33/41 antibody PAP II antibody PAP-II antibody PAPII antibody PIG 28 antibody PIG28 antibody Placental anticoagulant protein II antibody PP4 X antibody PP4-X antibody PP4X antibody Proliferation inducing gene 28 antibody Proliferation inducing protein 28 antibody Protein II antibody Xanx-4 antibody ZAP 36 antibody ZAP36 antibody
Accession No.	Swiss-Prot#:P09525
Uniprot	P09525
GeneID	307;
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	36 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

The annexin family of calcium-binding proteins is composed of at least ten mammalian genes. It is characterized by a conserved core domain which binds to phospholipids in a Ca⁺⁺-dependent manner and a unique amino terminal region which may confer binding specificity. Annexin family members have been implicated as regulators of such diverse processes as ion flux, endocytosis and exocytosis, and cellular adhesion. For example, the crystal structure of Annexin III has suggested a hydrophilic amino terminus with possible Ca⁺⁺ channel activity. Similarly, Annexin V has ion channel properties. Annexin IV, also referred to as endonexin, functions to regulate Cl⁻ flux by mediating calmodulin kinase II (CaMKII) activity and Annexin V has been shown to regulate PKC activity.

Note: This product is for in vitro research use only