

Annexin A2 Conjugated Antibody

Catalog No: #C49559



Package Size: #C49559-AF350 100ul #C49559-AF405 100ul #C49559-AF488 100ul
 #C49559-AF555 100ul #C49559-AF594 100ul #C49559-AF647 100ul
 #C49559-AF680 100ul #C49559-AF750 100ul #C49559-Biotin 100ul

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

Description

Product Name	Annexin A2 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Annexin A2 antibody Annexin II antibody Annexin II, heavy chain antibody Annexin-2 antibody ANX 2 antibody ANX2 antibody ANX2L4 antibody ANXA2 antibody ANXA2_HUMAN antibody arylsulfatase B antibody CAL1H antibody Calpactin I heavy chain antibody calpactin I heavy polypeptide (p36) antibody Calpactin I heavy polypeptide antibody Calpactin-1 heavy chain antibody chromobindin 8 antibody Chromobindin-8 antibody Epididymis secretory protein Li 270 antibody HEL S 270 antibody LIP2 antibody Lipocortin II antibody LPC2 antibody LPC2D antibody p36 antibody P36 protein antibody PAP-IV antibody Placental anticoagulant protein IV antibody Protein I antibody
Accession No.	Swiss-Prot#:P07355
Uniprot	P07355
GeneID	302;
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	38 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 and is characterized by a conserved core domain which binds phospholipids in a Ca²⁺-dependent manner and a unique amino-terminal region which may confer binding specificity. The interaction between these proteins and biological membranes has led to the hypothesis that they are involved in cellular trafficking processes such as endocytosis, exocytosis and cellular adhesion. Annexin I, alternatively referred to as lipocortin, has been implicated as a mediator of the anti-inflammatory response produced by glucocorticoids and as an inhibitor of cPLA₂, a potent mediator of inflammation. Annexin II, also called p36, exists as a monomer or as a heterotetramer, complexed with the S-100-related protein p11. This complex is termed calpactin I. In the tetrameric form, Annexin II is an efficient substrate of PKC family and Src pp60.

Note: This product is for in vitro research use only