Synapsin (Phospho-S9) Conjugated Antibody

Catalog No: #C13395

Package Size: #C13395-AF350 100ul #C13395-AF405 100ul #C13395-AF488 100ul #C13395-AF555 100ul #C13395-AF594 100ul #C13395-AF647 100ul #C13395-AF680 100ul #C13395-AF750 100ul #C13395-Biotin 100ul

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

Description

Product Name	Synapsin (Phospho-S9) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AIS antibody ANDR_HUMAN antibody Androgen nuclear receptor variant 2 antibody Androgen receptor (dihydrotestosterone receptor; testicular feminization; spinal and bulbar muscular atrophy; Kennedy disease) antibody Androgen receptor antibody androgen receptor splice variant 4b antibody AR antibody AR8 antibody DHTR antibody Dihydro testosterone receptor antibody Dihydrotestosterone receptor (DHTR) antibody Dihydrotestosterone receptor antibody HUMARA antibody HYSP1 antibody KD antibody Kennedy disease (KD) antibody NR3C4 antibody Nuclear receptor subfamily 3 group C member 4 (NR3C4) antibody Nuclear receptor subfamily 3 group C member 4 antibody SBMA antibody SMAX1 antibody Spinal and bulbar muscular atrophy (SBMA) antibody Spinal and bulbar muscular atrophy antibody Testicular Feminization (TFM) antibody TFM antibody
Accession No.	Swiss-Prot#:P10275
Uniprot	P10275
GeneID	367;
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	99
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

Androgens exhibit a wide range of effects on the development, maintenance and regulation of male phenotype and male reproductive physiology. The androgen receptor (AR) is a member of the steroid superfamily of ligand-dependent transcription factors. ARs bind the two biologically active androgens, testosterone (T) and dihydrotestosterone (DHT), with high and nearly identical affinities; however, the rates of association and dissociation of T are about three times more rapid than those of DHT. This difference has resulted in speculation as to whether these differences in binding kinetics could account for the different physiological effects of T and DHT. A striking feature of AR is its rapid degradation in the absence of ligand. It is now well established that androgen binding results in an at least six-fold increase in androgen stability and that ligand-induced stabilization of AR is highly androgen- specific.

Note: This product is for in vitro research use only