CaMKII alpha (Phospho-Thr286) Conjugated Antibody

Catalog No: #C14292

Package Size: #C14292-AF350 100ul #C14292-AF405 100ul #C14292-AF488 100ul #C14292-AF555 100ul #C14292-AF594 100ul #C14292-AF647 100ul #C14292-AF680 100ul #C14292-AF750 100ul #C14292-Biotin 100ul

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Description

Product Name	CaMKII alpha (Phospho-Thr286) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	IgG
Purification	Affinity-chromatography
Species Reactivity	Mouse Rat
Specificity	Phospho-CaMKII alpha (T286) Antibody detects endogenous levels of total Phospho-CaMKII alpha (T286)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Camk2; Camk2a; Camk2b; CAMKA; CaMKII; CaMKIINalpha;
Accession No.	Q9UQM7/P11798/P11275
Uniprot	Q9UQM7/P11798/P11275
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	50-60kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
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

Function: CaM-kinase II (CAMK2) is a prominent kinase in the central nervous system that may function in long-term potentiation and neurotransmitter release. Member of the NMDAR signaling complex in excitatory synapses, it may regulate NMDAR-dependent potentiation of the AMPAR and synaptic plasticity.

Note: This product is for in vitro research use only