

CaMKII (Ab-286) Conjugated Antibody

Catalog No: #C21279



Package Size: #C21279-AF350 100ul #C21279-AF405 100ul #C21279-AF488 100ul
 #C21279-AF555 100ul #C21279-AF594 100ul #C21279-AF647 100ul
 #C21279-AF680 100ul #C21279-AF750 100ul #C21279-Biotin 100ul

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 Support: tech@signalwayantibody.com

Description

Product Name	CaMKII (Ab-286) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total CaMKII protein.
Immunogen Description	Peptide sequence around aa.284~288 (Q-E-T-V-D) derived from Human CaMKII.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CAMKA
Accession No.	Swiss-Prot#:Q9UQM7NCBI Gene ID:815NCBI mRNA#:NM_015981.3 NCBI Protein#:NP_057065.2
Uniprot	Q9UQM7
GeneID	815;
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
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

Product Description

Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Background

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