

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 #C21279-Conjugated 50ul

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Description

Product Name	CaMKII (Ab-286) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB,IHC,IF
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
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

WB: 1:50-1:200

IF:1:50-1:200

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 and is not intended for use in humans or animals.