CaMKII (Phospho-Thr 286) Conjugated Antibody

Catalog No: #C13322

Package Size: #C13322-AF350 100ul #C13322-AF405 100ul #C13322-AF488 100ul #C13322-AF555 100ul #C13322-AF594 100ul #C13322-AF647 100ul #C13322-AF680 100ul #C13322-AF750 100ul #C13322-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	CaMKII (Phospho-Thr 286) Conjugated Antibody
Host Species	Mouse
Clonality	Monoclonal
Species Reactivity	Hu,Ms
Immunogen Description	This antibody is produced by immunizing mice with a synthetic peptide (KLH-coupled) corresponding to NF-κB p105/p50.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DKFZp686C01211 antibody DNA binding factor KBF1 antibody DNA binding factor KBF1 EBP1 antibody DNA-binding factor KBF1 antibody EBP 1 antibody EBP-1 antibody EBP1 antibody KBF1 antibody MGC54151 antibody NF kappa B antibody NF kappaB antibody NF kappabeta antibody NF kB1 antibody NFkappaB antibody NFKB 1 antibody NFKB p105 antibody NFKB p50 antibody Nfkb1 antibody NFKB1_HUMAN antibody Nuclear factor kappa B DNA binding subunit antibody Nuclear factor kappa-B, subunit 1 antibody Nuclear factor NF kappa B p105 subunit antibody Nuclear factor NF kappa B p50 subunit antibody Nuclear factor NF-kappa-B p50 subunit antibody Nuclear factor of kappa light chain gene enhancer in B cells 1 antibody Nuclear factor of kappa light polypeptide gene enhancer in B cells 1 antibody Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 antibody p105 antibody p50 antibody p84/NF-kappa-B1 p98 antibody Transcription factor NFKB1 antibody
Accession No.	Swiss-Prot#:P19838
Uniprot	P19838
GeneID	4790;
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

Background

NF-kappa-B is a pleiotropic transcription factor present in almost all cell types and is the endpoint of a series of signal transduction events that are initiated by a vast array of stimuli related to many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKB1/p50, REL and NFKB2/p52 and the heterodimeric p65-p50 complex appears to be most abundant one. The dimers bind at kappa-B sites in the DNA of their target genes and the individual dimers have distinct preferences for different kappa-B sites that they can bind with distinguishable affinity and specificity. Different dimer combinations act as transcriptional activators or repressors, respectively. NF-kappa-B is controlled by various mechanisms of post-translational modification and subcellular compartmentalization as well as by interactions with other cofactors or corepressors. NF-kappa-B heterodimeric p65-p50 and RelB-p50 complexes are transcriptional activators.

Note: This product is for in vitro research use only