

IKK Peptide - 100-401-219p
Code: 100-401-219p

Size: 50 µg

Product Description: IKK Peptide - 100-401-219p

Concentration: 1.0 mg/mL by dry weight

PhysicalState: Liquid (sterile filtered)

Label	Unconjugated
Gene Name	CHUK, IKKA, TCF16
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	Inhibitor of nuclear factor kappa-B kinase subunit alpha, I-kappa-B kinase alpha, IkbKA, IKK-alpha, IKK-A, IkkappaB kinase, control peptide, blocking peptide
Application Note	Control peptide should be used at 1.0 µg per 1.0 µl of antiserum in per assay.
Background	Intended for use as a control peptide when used with anti-IKKA to block specific interaction of anti-IKKalpha [p/n 100-401-219]. NFκB comprises a family of cellular transcription factors that are involved in the inducible expression of a variety of cellular genes that regulate the inflammatory response and control of cell death. In the cytoplasm NFκB is negatively modulated by the inhibitory proteins IκB. In turn IκB is phosphorylated by a cellular kinase complex called IKK. IKK is a heterodimer composed of two kinases: IKK-a and IKK-b that phosphorylate IκB leading to its degradation and the resulting translocation of NFκB to the nucleus. IKK kinase activity is modulated negatively by pharmaceutical agents such as aspirin and positively by various cellular components such as TNF- α, endotoxins and overexpression of cellular kinases like MEKK1. Aspirin appears to have its effect by inhibiting the binding of ATP to IKK.
Purity And Specificity	Greater than 95% specific peptide
Assay Dilutions	Control peptide should be used at 1.0 µg per 1.0 µl of antiserum per assay.
Other Assays	Control peptide should be used at 1.0 µg per 1.0 µl of antiserum per assay.
Expiration	Expiration date is six (6) months from date of opening.

Related Products

100-401-219	Anti-IKKA (RABBIT) Antibody - 100-401-219
100-401-220	Anti-IKKß (RABBIT) Antibody - 100-401-220
100-401-220p	IKKß CONTROL PEPTIDE - 100-401-220p
100-401-401	Anti-AKT (RABBIT) Antibody - 100-401-401

Related Links

UniProtKB - O15111

Disclaimer

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