



Rabbit Anti-Phospho NF- κ B p65 (Ser468) Polyclonal Antibody Datasheet

Product Name: pAb Rabbit anti-Phospho NF- κ B p65 (Ser468) **Catalogue No.:** AI70008A **Quantity:** 0.1 mg/vial

Description:	Rabbit anti-Serine 468 phosphorylated NF- κ B p65 polyclonal antibody	Background:	NF- κ B (nuclear factor kappa-light-chain-enhancer of activated B cells) is a transcription factor that controls the transcription of many genes that are associated with immuno-response, anti-apoptosis, neuroplasticity and memory. There are five NF- κ B proteins in mammals: RelA(NF- κ B-p65), RelB, c-Rel, NF- κ B (NF- κ B-p105), and NF- κ B2 (NF- κ B-p100). They form a variety of homodimers and heterodimers, each of which activates its own distinctive set of genes. P65 has been shown to be involved with DNA binding. The phosphorylation of p65 at Ser468 is inducible by TNF. The phosphorylation mediates p65 ubiquitination and the termination of related gene expression.
Purification:	Protein G affinity purified		
Product Type:	Primary antibody		
Target Protein:	Serine 468 phosphorylated NF- κ B-p65		
Immunogen:	A synthetic peptide (FTDLAS _p VDNSE) derived from Serine 468 phosphorylated NF- κ B p65, conjugated with KLH for immunization.		
Specificity:	This antibody is reactive to the synthetic NF- κ B -p65 peptide (FTDLAS _p VDNSE)		
Species Reactivity:	Mouse, human and other species with consensus serine 468 phosphorylated NF- κ B -p65 peptide (FTDLAS _p VDNSE)		
Host	Rabbit	Applications:	ELISA: The antibody (approx. 1:50,000 - 1:120,000 diluted) can detect the serine 468 phosphorylated NF- κ B p65 peptide coated on ELISA plate at 100ng/well. Other applications have not been evaluated.
Formulation:	Lyophilized in pH 7.4, 0.01M PBS.		
Reconstitution:	Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.		
Storage:	Store at -20°C	References:	If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.
Research Area:	Life science research, stem cell factor signalling, cancer research		

This product is for **LABORATORY RESEARCH USE** and further manufacture **ONLY**, and cannot be administered to human and animals for use in diagnostic and therapeutic procedures.

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