



ANOGEN - A Division of YES Biotech Laboratories Ltd.

2355 Derry Road East, Unit 23, Mississauga, ON, Canada L5S 1V6 • Tel: (905) 677-9221 • Fax: (905) 677-0023

Rabbit Anti-Phospho NF- κ B p105/p50 (Ser337) Polyclonal Antibody Datasheet

Product Name: pAb Rabbit anti-Phospho NF- κ B p105/p50 (Ser337)

Catalogue No.: AI70009A

Quantity: 0.1 mg/vial

Description:	Rabbit anti- Serine 337 phosphorylated NF- κ B p105/p50 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. Ser468 phosphorylation mediates p65 ubiquitination and the termination of related gene expression.
Purification:	Protein G affinity purified	Applications:	ELISA: The antibody (approx. 1:100,000 - 1:400,000 diluted) can detect the serine 337 phosphorylated NF- κ B p105/p50 peptide coated on ELISA plate at 100 ng/well. Other applications have not been evaluated.
Product Type:	Primary antibody	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.
Target Protein:	Serine 337 phosphorylated NF- κ B-p105/p50		
Immunogen:	A synthetic peptide (QLRRKS _p DLETSEP) derived from Serine337 phosphorylated NF- κ B p105/p50, conjugated with KLH for immunization.		
Specificity:	This antibody is reactive to the synthetic NF- κ B p105/p50 peptide (QLRRKS _p DLETSEP)		
Species Reactivity:	Mouse, human and other species with consensus serine 337 phosphorylated NF- κ B p105/p50 peptide (QLRRKS _p DLETSEP).		
Host	Rabbit		
Formulation:	Lyophilized in pH 7.4, 0.01M PBS.		
Reconstitution:	Double distilled water is recommended to adjust the final concentration to 1.00 mg/mL.		
Storage:	Store at -20°C		
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 administrated to human and animals for use in diagnostic and therapeutic procedures.

Manufactured by ANOGEN - A Division of YES Biotech Laboratories Ltd.