



## **ANOGEN - A Division of YES Biotech Laboratories Ltd.**

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### **Rabbit Anti phospho NF- $\kappa$ B-p65 (Ser536) Polyclonal Antibody Datasheet**

|                       |   |
|-----------------------|---|
| <b>Catalogue No</b>   | AI70008A  |
| <b>Product name</b>   | Purified rabbit anti phospho NF- $\kappa$ B -p65 (Ser468) polyclonal antibody   |
| <b>Product type</b>   | Primary antibody  |
| <b>Description</b>    | Rabbit anti phospho NF- $\kappa$ B -p65 (Ser468) polyclonal antibody.   |
| <b>Target protein</b> | Ser468 phosphorylated p65 protein (also called RelA) of the NF- $\kappa$ B complex. NF- $\kappa$ B is a “rapid acting” transcription factor, playing an important role in cellular responses to stress and infection. |
| <b>Immunogen</b>      | A synthetic peptide (FTDLAS <sub>p</sub> VDNSE) derived from NF- $\kappa$ B p65 with phosphorylation at Ser468, conjugated with KLH for immunization.   |
| <b>Specificity</b>    | This antibody recognizes the synthetic NF- $\kappa$ B -p65 peptide with Ser468 phosphorylation.   |
| <b>Reactivity</b>     | Ser468 phosphorylated NF- $\kappa$ B p65 peptide of human and similar molecule in other species.  |
| <b>Clonality</b>      | Polyclonal  |
| <b>Source</b>         | Rabbit  |
| <b>Formulation</b>    | Lyophilized in pH 7.4, 0.01M PBS. To reconstitute, add appropriate volume of dH <sub>2</sub> O to reach a final antibody concentration of 1mg/ml.   |
| <b>Applications</b>   | ELISA: dilute 1:50,000 – 1:120,000 to detect the Ser468 phosphorylated NF- $\kappa$ B p65 peptide coated at 100ng/well. Other applications have not evaluated.  |
| <b>Storage</b>        | Store in aliquots at -20°C. Avoid repeated freeze/thaw cycles   |
| <b>Research</b>       | Gene transcription. Cell signaling pathway.   |
| <b>References</b>     | If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide any product of choice as gratitude.   |

**This product is for LABORATORY RESEARCH USE and further manufacture only, and can not be administrated to human and animals for use in diagnostic and therapeutic procedures.**

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