

# NF $\kappa$ B p105 Polyclonal Antibody

<b>CATALOG #:</b>	3897-200
<b>AMOUNT:</b>	200 $\mu$ g
<b>LOT #:</b>	_____
<b>HOST:</b>	Rabbit
<b>IMMUNOGEN:</b>	Synthetic peptide surrounding amino acid 955 of human NF $\kappa$ B105 (ID# BV-C13)
<b>SPECIES REACTIVITY:</b>	human, mouse, rat

#### FORMULATION:

200  $\mu$ g (0.5 mg/ml) purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA and 0.01% thimerosal.

#### STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and refreeze at -70°C. Avoid repeated freeze/thaw cycles.

#### DESCRIPTION:

NF $\kappa$ B was identified as a sequence specific transcriptional activator that binds to the intronic enhancer of kappa light chain gene in B lymphocytes. NF $\kappa$ B is activated by a wide variety of stimuli such as lipopolysaccharide (LPS), pro-inflammatory cytokines, and viral infection. The active NF $\kappa$ B heterodimer is translocated into the nucleus and induces gene expression.

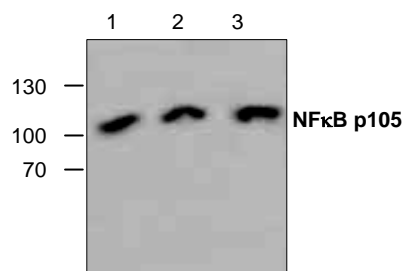
#### SPECIFICITY:

The antibody recognizes the 105 kDa NF $\kappa$ B p105 in samples from human, mouse and rat origins. Reactivity to other species has not been determined.

#### APPLICATIONS:

The antibody can be used in Western blotting (0.5-4  $\mu$ g/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3897BP-50) is available separately.

**FOR RESEARCH USE ONLY! Not to be used in humans.**



#### Cat.#: 3897-200

Western blot analysis of NF $\kappa$ B p105 expression in lysate from 3T3 cells (Lane 1) and in Jurkat cells (Lane 2 & 3).

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