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

Product Name: pAb Rabbit anti-NF- κ B p65 (RelA)

Catalogue No.: AI70006A

Quantity: 0.5 mg/vial

Description: Rabbit anti-NF- κ B p65 polyclonal antibody

Purification: Protein G affinity purified

Product Type: Primary antibody

Target Protein: NF- κ B p65

Immunogen: A synthetic peptide (IIEQPKQRGMRFR) derived from the p65 protein of NF- κ B complex, conjugated with KLH for immunization.

Specificity: This antibody is reactive to the synthetic NF- κ B p65 peptide (IIEQPKQRGMRFR)

Species Reactivity: Mouse, human and other species with consensus NF- κ B p65 peptide (IIEQPKQRGMRFR)

Host: Rabbit

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

Research Area: Life science research, stem cell factor signalling, cancer research

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.

Applications: **Western blot:** The antibody (1:6,000 diluted) can detect the 65kDa NF- κ B-p65 in HeLa cells on Western blot.

Other applications have not been evaluated.

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.

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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