



Rabbit Anti-Phospho IKK- γ (Ser31) Polyclonal Antibody Datasheet

Product Name: pAb Rabbit anti-phospho IKK- γ (Ser31)

Catalogue No.: AI70005A

Quantity: 0.1 mg/vial

Description: Rabbit anti- Serine 31 phosphorylated IKK- γ polyclonal antibody

Purification: Protein G affinity purified

Product Type: Primary antibody

Target Protein: Serine 31 phosphorylated IKK- γ

Immunogen: A synthetic peptide (LGEES_pPLGKPA) derived from Serine 31 phosphorylated IKK- γ , conjugated with KLH for immunization.

Specificity: This antibody is reactive to the synthetic IKK- γ peptide (LGEES_pPLGKPA).

Species Reactivity: Human and other species with consensus IKK- γ peptide (LGEES_pPLGKPA)

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, NF- κ B signal transduction

Background: IKK- γ is the γ subunit in the I κ B kinase (Ikk) complex, also referred to as NF- κ B essential modulator isoform c. IKK plays an important role in the NF- κ B signal transduction pathway by phosphorylating I κ B a subunit and disassociating NF- κ B from I κ B in cytoplasm. Thus, NF- κ B is released and migrates to nucleus to activate the transcription of many genes that are involved with immuno-response, cell survival, and neuroplasticity.

Applications: **ELISA:** The antibody (approx. 1:100,000 – 1:400,000 diluted) can detect the Ser31 phosphorylated I κ B- γ peptide coated on ELISA plate.

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.

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