

Code No. 18669

**Anti-Human  
I $\kappa$ B- $\alpha$  (I037) Rabbit IgG Affinity Purify**

Volume : 100  $\mu$ g  
Lot No : 0E-002

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**Introduction** : In signal transduction system, I $\kappa$ B acts as inhibitor to forms complex with NF- $\kappa$ B in cytoplasm and subsequently to inactivate NF- $\kappa$ B. NF- $\kappa$ B is transcription factor distributed in various cells. NF- $\kappa$ B is considered to control various gene expression by degradation of I $\kappa$ B and subsequent translocation of degradation products to nuclear in accordance with various stimulation.

**Antigen** : Synthetic peptide in portion of N-terminus of Human I $\kappa$ B- $\alpha$  protein

**Purification** : Purified with antigen peptide

**Form** : Lyophilized product from 1% BSA in PBS containing 0.05% NaN<sub>3</sub>

**How to use** : 1.0 ml distilled water will be added to the product

**Dilution** : PBS (pH7.4) containing 1% BSA

**Stability** : Lyophilized product, 5 years at 2 – 8 °C  
: Solution, 2 years at –20 °C

**Application** : This antibody can be used for western blotting in concentration of 1~2  $\mu$ g/ml.

**Specificity** : Confirmed by Human I $\kappa$ B- $\alpha$

The sequence of synthetic peptide used for antigen has homology of 100% to that of mouse. However, sample of mouse by this antibody is not tested.

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