

# IκB-α Antibody

Catalog No: #29054

Package Size: #29054 100µg



**SAB**<sup>®</sup>  
Signalway Antibody

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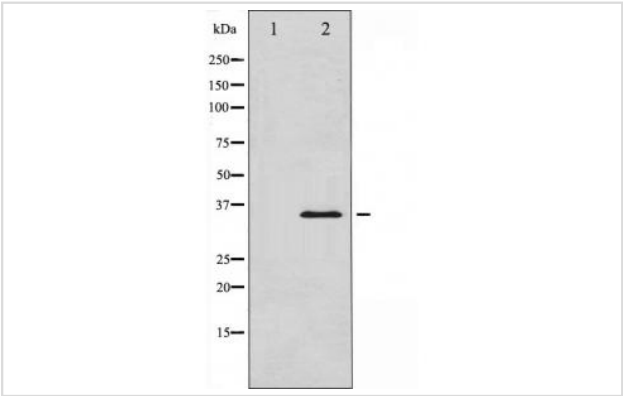
## Description

|                       |                                                                                                                                                      |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | IκB-α Antibody                                                                                                                                       |
| Host Species          | Rabbit                                                                                                                                               |
| Clonality             | Polyclonal                                                                                                                                           |
| Purification          | Immunogen affinity purified                                                                                                                          |
| Applications          | WB                                                                                                                                                   |
| Species Reactivity    | Hu Ms Rt                                                                                                                                             |
| Specificity           | IκappaB-α Antibody detects endogenous levels of total IκappaB-α                                                                                      |
| Immunogen Type        | Peptide                                                                                                                                              |
| Immunogen Description | A synthesized peptide derived from human IκappaB-α                                                                                                   |
| Conjugates            | Unconjugated                                                                                                                                         |
| Target Name           | IκB-α                                                                                                                                                |
| Other Names           | I-kappa-B-α, IKBA, IκappaB α, MAD3, Major histocompatibility complex enhancer-binding protein<br>MAD3, NF-kappaB inhibitor α, NFKBI, NFKBIA, RL/IF-1 |
| Accession No.         | Swiss-Prot#: P25963                                                                                                                                  |
| SDS-PAGE MW           | 39KD                                                                                                                                                 |
| Concentration         | 1.0mg/ml                                                                                                                                             |
| Formulation           | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                   |
| Storage               | Store at -20°C/1 year                                                                                                                                |

## Application Details

WB: 1:500-1:2000

## Images



## Background

NFKB1 (MIM 164011) or NFKB2 (MIM 164012) is bound to REL (MIM 164910), RELA (MIM 164014), or RELB (MIM 604758) to form the NFκB

complex. The NFkB complex is inhibited by I-kappa-B proteins (NFKBIA or NFKBIB, MIM 604495), which inactivate NF-kappa-B by trapping it in the cytoplasm.

## Published Papers

el at., Inhibition of TPL2 by interferon- $\alpha$  suppresses bladder cancer through activation of PDE4D. In J Exp Clin Cancer Res. On 2018 Nov 27 by Qiang Z, Zhou ZY et al..PMID: 30482227, , (2018)

[PMID:30482227](#)

el at., Indirect effect of PM1 on endothelial cells via Inducing the release of respiratory Inflammatory cytokines. In Toxicol In Vitro on 2019 Jun by Tian G, Wang J, et al..PMID: 30858030, , (2019)

[PMID:30858030](#)

el at., Costunolide improved dextran sulfate sodium-induced acute ulcerative colitis in mice through NF-kB, STAT1/3, and Akt signaling pathways. In Int Immunopharmacol on 2020 Jul by Fan Xie, Hai Zhang, et al..PMID:32413737, , (2020)

[PMID:32413737](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.