

Product Datasheet

Phospho-IKB alpha (S36) Antibody



Catalog No: CY7246

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB FC

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Information

UniProt ID: P25963

All Names: I kappa B alpha; IkappaBalpa; Ikb-alpha; IKBA; IKBalpha; MAD3; NF kappa B inhibitor alpha; NFKBI; NFKBIA;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 39kDa

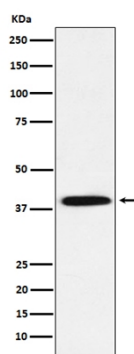
Application

WB 1:500~1:2000

FC 1:50

Background

Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL dimers in the cytoplasm through masking of their nuclear localization signals. On cellular stimulation by immune and proinflammatory responses, becomes phosphorylated promoting ubiquitination and degradation, enabling the dimeric RELA to translocate to the nucleus and activate transcription.



Western blot analysis of Phospho-IKB alpha (S36) expression in HeLa cell lysate treated with Calyculin A.

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