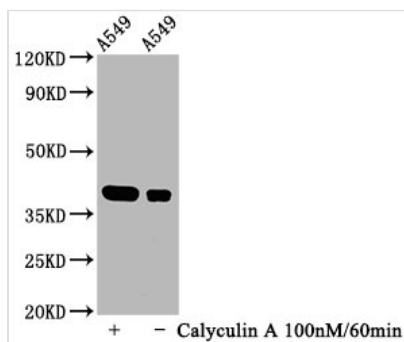




# Phospho-NFKBIA (S32) Recombinant Monoclonal Antibody

<b>Product Code</b>	CSB-RA015761A32phHU
<b>Abbreviation</b>	NF-kappa-B inhibitor alpha
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P25963
<b>Immunogen</b>	A synthesized peptide derived from Human Phospho-NFKBIA (S32)
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, WB, IF; Recommended dilution: WB:1:500-1:5000, IF:1:20-1:200
<b>Relevance</b>	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.
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	Affinity-chromatography
<b>Isotype</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Alias</b>	NF-kappa-B inhibitor alpha, I-kappa-B-alpha, Ikb-alpha, IkappaBalpha, Major histocompatibility complex enhancer-binding protein MAD3, NFKBIA, IKBA, MAD3, NFKBI
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Signal Transduction
<b>Target Names</b>	NFKBIA
<b>Clone No.</b>	2D6

## Image



### Western Blot

Positive WB detected in A549 whole cell lysate (treated with Calyculin A or not)

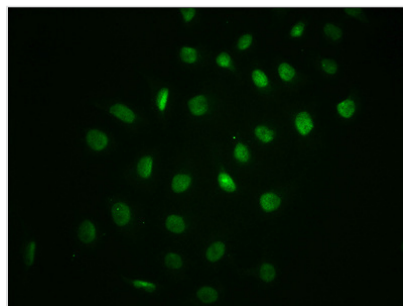
All lanes Phospho-NFKBIA antibody at 1.07µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 39 KDa

Observed band size: 39 KDa



Immunofluorescence staining of A549 cells with CSB-RA015761A32phHU at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4?. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).

**Usage**

For Research Use Only. Not for use in diagnostic or therapeutic procedures.