

Phospho-IkappaBalpha-S32 Monoclonal Antibody

CABP0707

Description

This Phospho-IkappaBalpha-S32 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CABP0707

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Monoclonal Antibody

Synonyms: IKBA, MAD-3, NFKBI, EDAID2, Phospho-IkB-S32

Clone: ARC0147

Applications:  

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 4792

Uniprot: AB_2863811

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 39kDa/

Calculated MW: 36kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

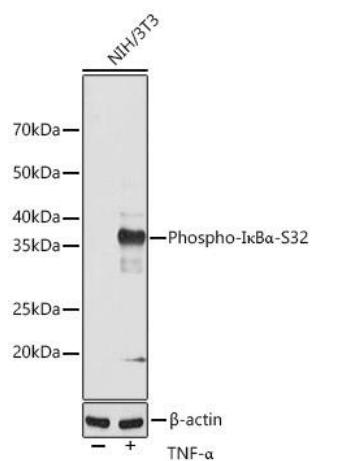
Positive Sample: NIH/3T3 treated with TNF- α , C6

Recommended Dilutions:

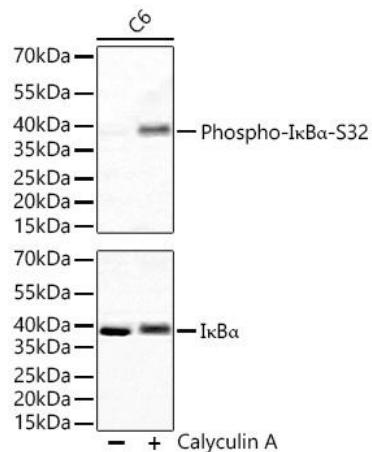
WB	1:500 - 1:2000
ELISA	Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-IkBa- Rabbit mAb (CABP0707) at 1:1000 dilution. NIH/3T3 and cells were treated with TNF- α (20 ng/mL) at 37°C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 120s.



Western blot analysis of lysates from cells using Phospho-IkBa- Rabbit mAb (CABP0707) at 1:1000 dilution (upper) or IkBa Rabbit mAb at 1:6000 dilution (lower) incubated overnight at 4°C. cells were treated with Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 30 μ g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 60s.

